

**Catalogue of Parts**

**V-50**  
**VERTICAL**

Printed 1948  
Revised 1953

VICTOR 1837

**MIEHLE PRINTING PRESS & MANUFACTURING COMPANY**

2011 W. Hastings Street (14th & So. Damen)  
Chicago 8, Illinois

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Western Printing Machinery Works  
511 Delaware  
D. C. 20001



# PREFACE

**T**HIS CATALOG has been designed to simplify and expedite the ordering of parts for the V-50 Vertical Press.

The illustration and lists identify all parts, including commercial parts, in the assemblies that make up this press.

Parts on each illustration are identified by index numbers. These index numbers are listed numerically on the parts list accompanying each illustration and are prefixed with two letters to identify them with the illustration to which they refer. **FOR EXAMPLE:** Under the heading "Index No." will appear the listing "VA-1" indicating that the part listed will be found on Illustration No. VA, index number 1, the numeral calling out the part on the illustration. A description of the part is included in a separate column.

**NOTE:** *DO NOT use index numbers to order parts. When ordering parts be sure to include BOTH the part number and the description of the item.*

In the "Description" column, all parts that line up in the regular column are *primary* parts. Parts

that are indented and preceeded by one dot are secondary parts and those parts that are indented and preceeded by two dots are tertiary parts (See "Example of Parts Listing System"). These secondary and tertiary parts are assembled to the primary part under which they are indented and will be shipped with the primary part when that part is ordered. This is done both to insure proper fit and because when primary parts have been worn or damaged enough to require replacement, it is ordinarily desirable or necessary to replace secondary and tertiary parts. However, secondary and/or tertiary parts may be ordered separately, except in rare cases where it is necessary to proper operation that these parts be factory-fitted to primary parts. All parts listed in italic type will be sold *only with parts to which they are attached. They will not be sold separately.*

Included at the back of this catalog is a classified list with part numbers listed in numerical sequence. Each part number is followed by an index number (or numbers), enabling the user to locate both the illustration of the part in the figure in which it appears, and its description in the accompanying parts list.

## EXAMPLE OF PARTS LISTING SYSTEM

PRIMARY PART.....	Rod, Sep Fr Con
Secondary Part.....	Lever, Separator Frame
Tertiary Part.....	. Screw, Collar No. 793—A75

Always be sure to give serial number of PRESS when ordering parts.

# MIEHLE PRINTING PRESS & MANUFACTURING COMPANY

2011 W. Hastings Street (14th & So. Damen)  
Chicago 8, Illinois

## HOW TO IDENTIFY AND ORDER A PART

To identify and order a required part, proceed according to the following directions:

1. Locate the *figure number* of the assembly illustration in which the required part occurs by referring to the "Index of Assemblies" illustrations on page 3 of this catalog.

2. Locate the required part in the *assembly illustration* and note the *index number* for that part.

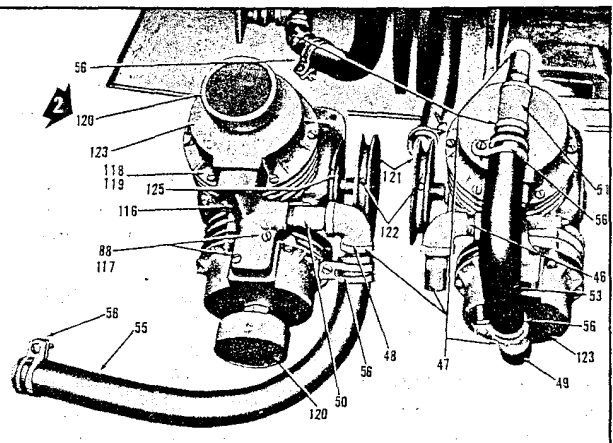
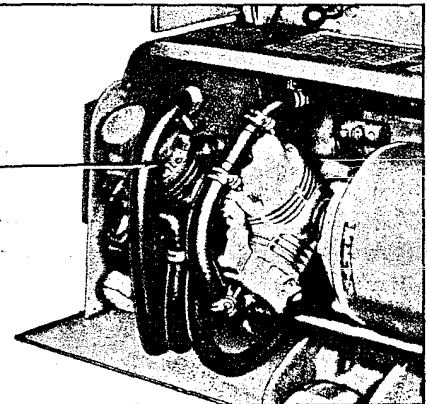
3. Locate that *index number* in the first column of the parts list accompanying the illustration. (The prefix letters preceding the index number identify the illustration in which the part is shown.)

4. Copy the *part number, name and description* as given in the second and third columns for the required part index number.

5. Copy the serial number of the press as given on the serial number plate located above the fly wheel on the press frame.

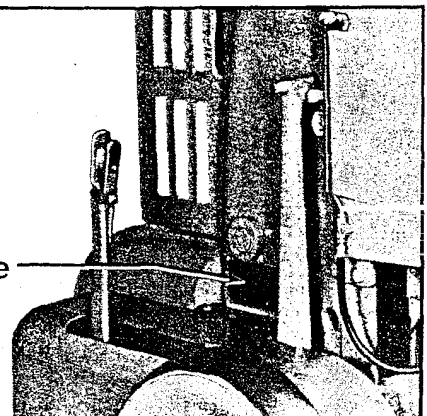
6. Order part by specifying *Part Number, Name and Description* of the press for which the part is required.

PUMPS and  
ELECTRICAL  
(Figure VG)  
Pages 24-25



VG-114	22752	Nipple, Valve Hose
VG-115	*H-36650	Washer, Lock 5/16 x 1
VG-116	20256	Chamber, Manifold
VG-117	*H-36643	Washer, Lock 1/4 x 1/
VG-118	P-8749	Screw, Air Dome
VG-119	*H-36643	Washer, Lock 1/4 x 3/
VG-120	20271	Muffler
VG-121	P-8720	Screw, Pump
VG-122	P-8469	Screw, Sq Hd Set 3/8 x
VG-123	20314	Pump, Air
VG-124	P-4420	Plug, Body without Ho
VG-125	P-4419	Plug, Body with Hole
VG-126	20265	Dome, Air
VG-127	P-8446	Gasket, Rubber Inlet P
VG-128	P-8425	Gasket, Fibre Inlet Pip
VG-129	20272	Gasket, Manifold

Serial Plate

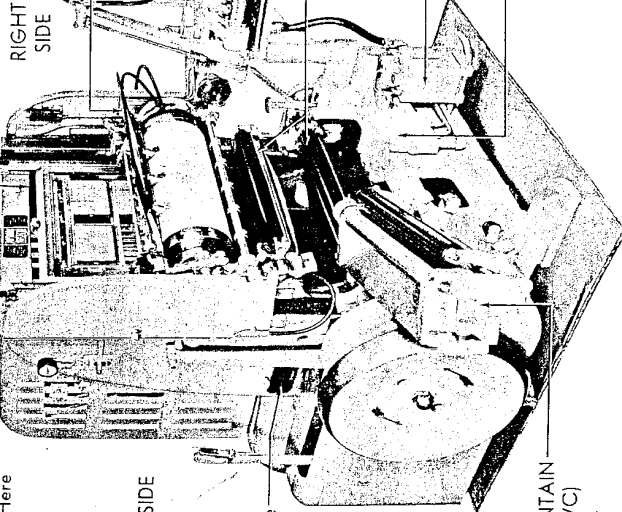


"Please ship one 20271,  
Muffler, Serial No. of Press 000000."

# INDEX OF ASSEMBLIES

TYPE BED, CYLINDER FRAME  
and PRESS FRAMES (Figure VH)  
Page 26

Serial Number  
Stamped Here

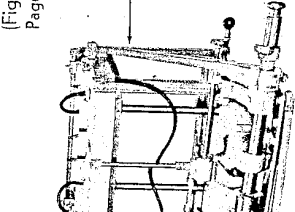


LEFT SIDE

Serial Plate

INK FOUNTAIN  
(Figure VC)  
Page 14

TRANSFER TABLE, SIDE GUIDE & CYLINDER  
(Figure VB)  
Pages 10-13



RIGHT SIDE

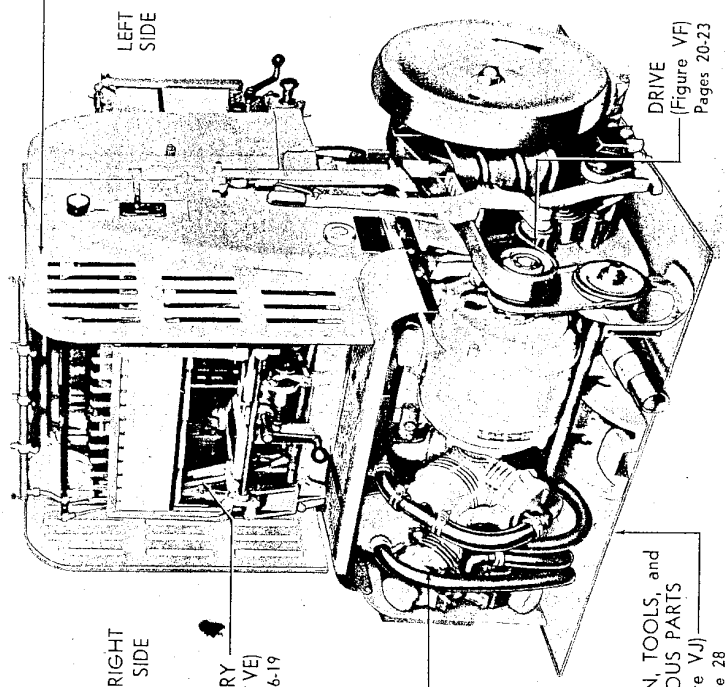
FEEDER (Figure VA)  
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FORM & INK ROLLERS  
and INK TABLE  
(Figure VD) Page 15

AUTOMATIC LUBRICATION  
SYSTEM (Figure VK)  
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AIR VALVE  
(Figure VG)  
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GUARDS  
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RIGHT SIDE

DELIVERY  
(Figure VE)  
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PUMPS and  
ELECTRICAL  
(Figure VG)  
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OIL DRIP PAN, TOOLS, and  
MISCELLANEOUS PARTS  
(Figure VJ)  
Page 28

DRIVE  
(Figure VF)  
Pages 20-23

## NOTES

\*All parts indicated by asterisk (\*) preceding the part number are commercial parts and may be ordered from a local hardware store or machinists supply house.

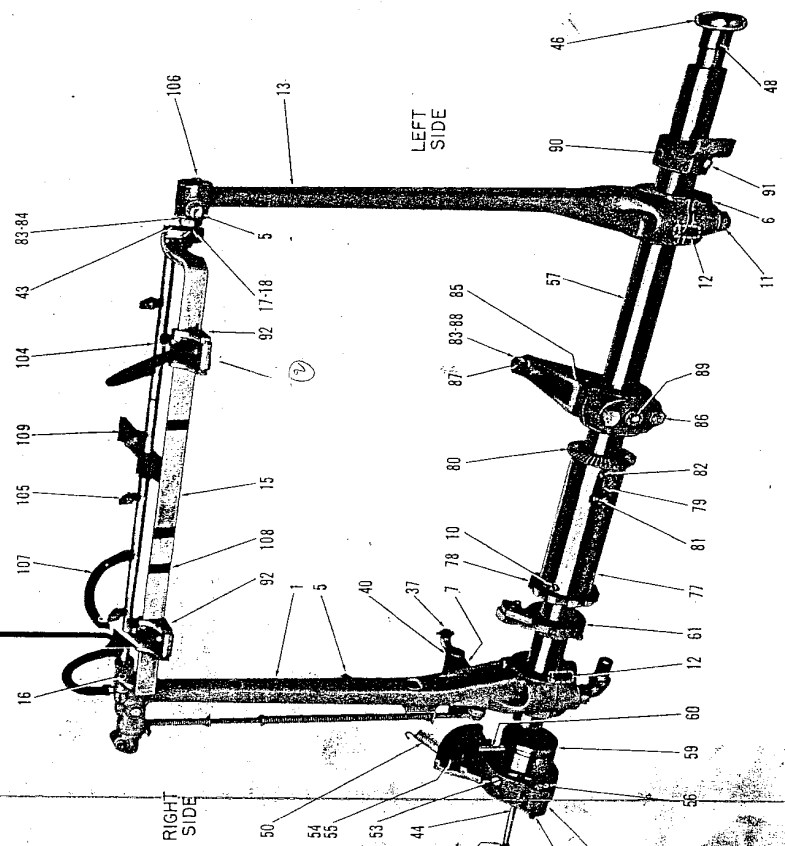
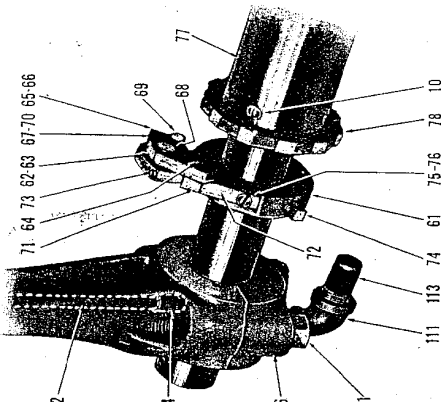
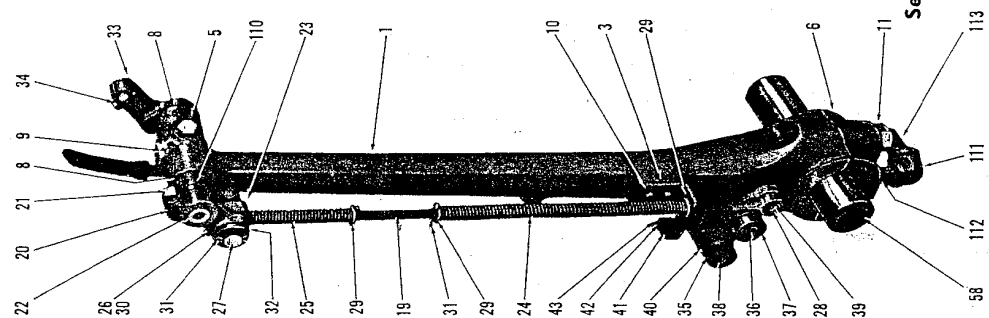
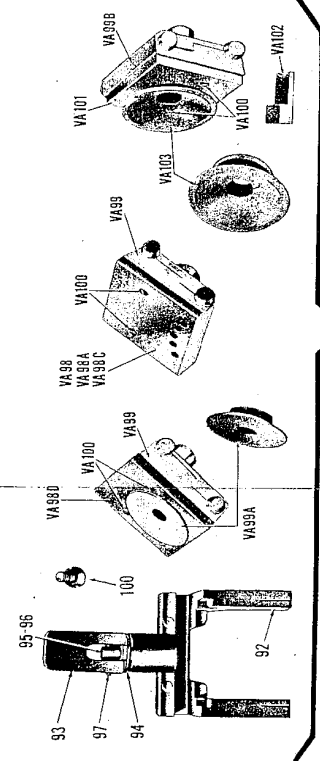
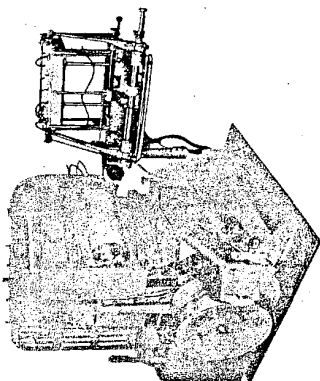
Primary parts of an assembly will always include those parts which are indented under them in the classified lists.

All parts listed in *Italic type* will be sold only with the parts to which they are attached. They will not be sold separately.

When ordering parts always specify Serial Number of Press (see serial number plate), Part Number, and Name and Description.

Always be sure to give serial number of press when ordering parts.

# FEEDER



When ordering parts always specify  
Serial Number of press (see name plate),  
Part Number, and Name & Description

FIGURE VA

(Figure VA continued on page 6)

# PARTS LIST FOR FEEDER

(See Figure VA)

Figure and Index No.	Part Number	Name and Description			Figure and Index No.	Part Number	Name and Description		
		1	2	3			1	2	3
VA-1	23084	Arm, Feeder - Rt			VA-75	H-51339	Screw, Rd Hd Mach 10-32 x 3/8		
VA-2	21905	Tube, Feeder Arm Air			VA-76	H-36638	Washer, Lock 10 x 1/16 x 3/64		
VA-3	21906	Guide, Sep Fr Con Rod			VA-77	H-51339	Sleeve, Feeder Ratchet		
VA-4	21907	Bushing, Air Tube			VA-78	22373	Screw, Rd Hd Mach 10-24 x 3/4		
VA-5	22438	Stud, Stop			VA-79	22769	Control Valve		
VA-6	22026	Feeder Arm			VA-80	H-50655	Washer, Flat 1/2 x 1/16 x 1/16		
VA-7	22027	Bearing, Oilite .376 x .5025 x 1-1/8			VA-81	H-50645	Washer, Flat 1/2 x 1/16 x 1/16		
VA-8	22028	Bearing, Oilite .426 x .5025 x 1-1/8			VA-82	H-50645	Screw, Rd Hd Mach 10-24 x 3/8		
VA-9	22029	Plug, Slotted Pipe 1/8 x 1/4			VA-83	H-50645	Screw, Rd Hd Mach 10-24 x 1/4		
VA-10	22030	Screw, Rd Hd Mach 10-24 x 3/8			VA-84	H-50645	Nut, Hex Jan 1/2-13		
VA-11	22031	Screw, Hex Hd Cap 5/8-11 x 2-3/4			VA-85	H-50645	Pin, Dowel 3/8 x 1		
VA-12	22032	Screw, Hex Hd Cap 5/8-11 x 2-3/4			VA-86	H-50645	Pin, Dowel 3/8 x 1		
VA-13	22033	Arm, Feeder - Lt			VA-87	H-50645	Pin, Dowel 3/8 x 1		
VA-14	22034	Stud, Stop			VA-88	H-50645	Pin, Dowel 3/8 x 1		
VA-15	22035	Cap, Feeder Arm			VA-89	H-50645	Pin, Dowel 3/8 x 1		
VA-16	22036	Screw, Hex Hd Cap 5/8-11 x 2-3/4			VA-90	H-50645	Pin, Dowel 3/8 x 1		
VA-17	22037	Pin, Dowel 3/8 x 1-1/8			VA-91	H-50645	Pin, Dowel 3/8 x 1		
VA-18	22038	Part Not Listed			VA-92	H-50645	Pin, Dowel 3/8 x 1		
VA-19	22039	Feeder Frame			VA-93	H-50645	Pin, Dowel 3/8 x 1		
VA-20	22040	Washer, Sep Fr Thrust			VA-94	H-50645	Pin, Dowel 3/8 x 1		
VA-21	22041	Stud, Sep Fr Con			VA-95	H-50645	Pin, Dowel 3/8 x 1		
VA-22	22042	Bearing, Oilite .3765 x .5655 x 3/8			VA-96	H-50645	Pin, Dowel 3/8 x 1		
VA-23	22043	Lever, Separator Frame			VA-97	H-50645	Pin, Dowel 3/8 x 1		
VA-24	22044	Screw, Hex Hd Cap 5/8-11 x 2-3/4			VA-98	H-50645	Pin, Dowel 3/8 x 1		
VA-25	22045	Block, Sep Fr Con Sower			VA-99	H-50645	Pin, Dowel 3/8 x 1		
VA-26	22046	Bearing, Oilite .3765 x .5655 x 3/8			VA-100	H-50645	Pin, Dowel 3/8 x 1		
VA-27	22047	Spring, Con Rod, Lower			VA-101	H-50645	Pin, Dowel 3/8 x 1		
VA-28	22048	Collar, Sep Fr Con			VA-102	H-50645	Pin, Dowel 3/8 x 1		
VA-29	22049	Stud, Con Rod Swivel			VA-103	H-50645	Pin, Dowel 3/8 x 1		
VA-30	22050	Washer, Oilite .3765 x .5655 x 3/8			VA-104	H-50645	Pin, Dowel 3/8 x 1		
VA-31	22051	Washer, Oilite .3765 x .5655 x 3/8			VA-105	H-50645	Pin, Dowel 3/8 x 1		
VA-32	22052	Pin, Taper 800 x 9/16			VA-106	H-50645	Pin, Dowel 3/8 x 1		
VA-33	22053	Pin, Taper 800 x 9/16			VA-107	H-50645	Pin, Dowel 3/8 x 1		
VA-34	22054	Washer, Finished 1/2 x 15/16 x 1/8			VA-108	H-50645	Pin, Dowel 3/8 x 1		
VA-35	22055	Sleeve, Sep Fr Vacuum			VA-109	H-50645	Pin, Dowel 3/8 x 1		
VA-36	22056	Lever, Sep Fr Con			VA-110	H-50645	Pin, Dowel 3/8 x 1		
VA-37	22057	Stud, Sep Fr Con Roller			VA-111	H-50645	Pin, Dowel 3/8 x 1		
VA-38	22058	Bearing, Ball			VA-112	H-50645	Pin, Dowel 3/8 x 1		
VA-39	22059	Pin, Sep Fr Con Lever			VA-113	H-50645	Pin, Dowel 3/8 x 1		
VA-40	22060	Stud, Sep Fr Con Rod							
VA-41	22061	Stud, Sep Fr Con Rod							
VA-42	22062	Stud, Sep Fr Con Rod							
VA-43	22063	Stud, Sep Fr Con Rod							
VA-44	22064	Stud, Sep Fr Con Rod							
VA-45	22065	Stud, Sep Fr Con Rod							
VA-46	22066	Stud, Sep Fr Con Rod							
VA-47	22067	Stud, Sep Fr Con Rod							
VA-48	22068	Stud, Sep Fr Con Rod							
VA-49	22069	Stud, Sep Fr Con Rod							
VA-50	22070	Stud, Sep Fr Con Rod							
VA-51	22071	Stud, Sep Fr Con Rod							
VA-52	22072	Stud, Sep Fr Con Rod							
VA-53	22073	Stud, Sep Fr Con Rod							
VA-54	22074	Stud, Sep Fr Con Rod							
VA-55	22075	Stud, Sep Fr Con Rod							
VA-56	22076	Stud, Sep Fr Con Rod							
VA-57	22077	Stud, Sep Fr Con Rod							
VA-58	22078	Stud, Sep Fr Con Rod							
VA-59	22079	Stud, Sep Fr Con Rod							
VA-60	22080	Stud, Sep Fr Con Rod							
VA-61	22081	Stud, Sep Fr Con Rod							
VA-62	22082	Stud, Sep Fr Con Rod							
VA-63	22083	Stud, Sep Fr Con Rod							
VA-64	22084	Stud, Sep Fr Con Rod							
VA-65	22085	Stud, Sep Fr Con Rod							
VA-66	22086	Stud, Sep Fr Con Rod							
VA-67	22087	Stud, Sep Fr Con Rod							
VA-68	22088	Stud, Sep Fr Con Rod							
VA-69	22089	Stud, Sep Fr Con Rod							
VA-70	22090	Stud, Sep Fr Con Rod							
VA-71	22091	Stud, Sep Fr Con Rod							
VA-72	22092	Stud, Sep Fr Con Rod							
VA-73	22093	Stud, Sep Fr Con Rod							
VA-74	22094	Stud, Sep Fr Con Rod							

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 Primary parts of an assembly will always include those parts which are indented under them in the classified lists.  
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Always be sure to give serial number of press when ordering parts.

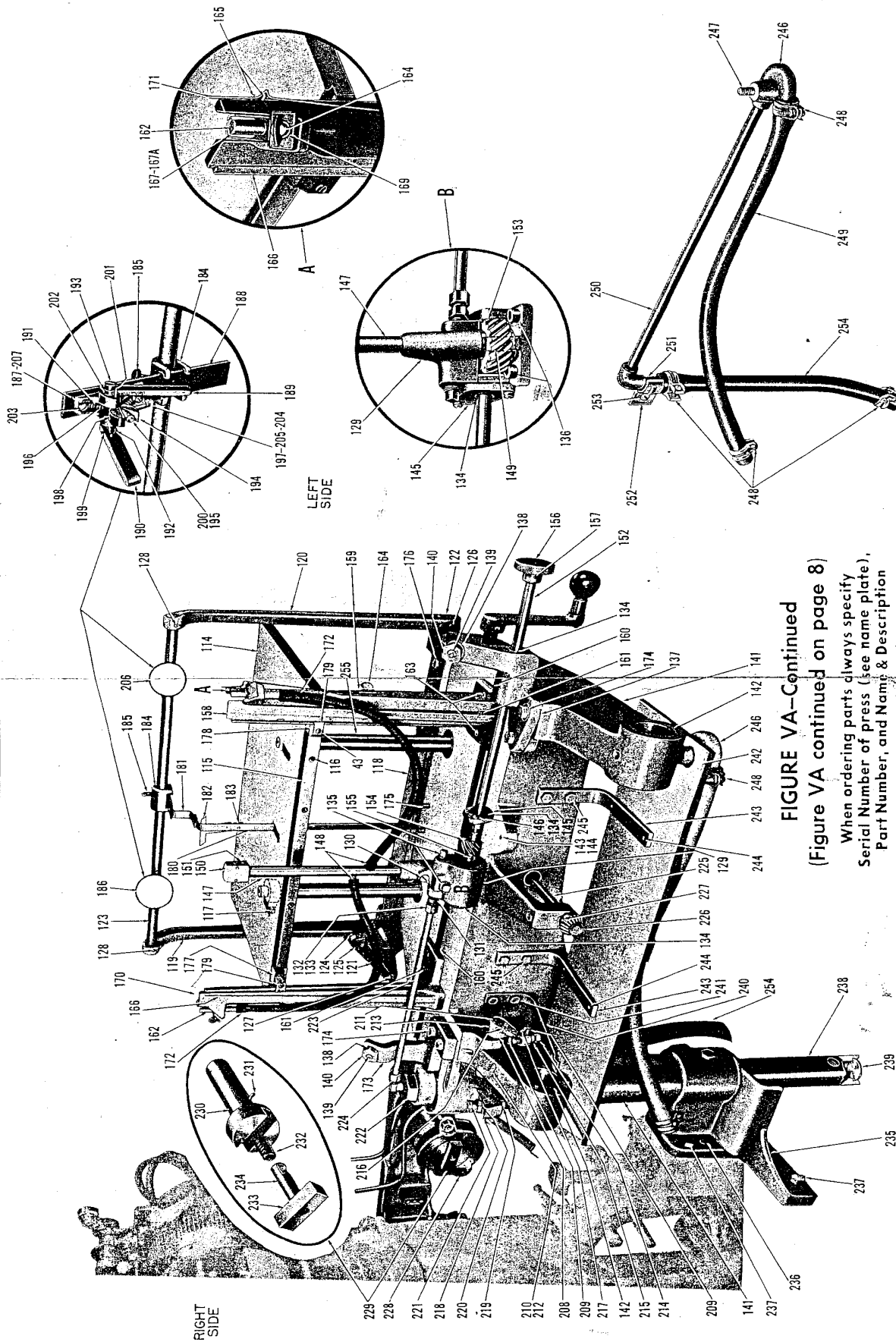


FIGURE VA-Continued

(Figure VA continued on page 8)

When ordering parts always specify  
Serial Number of press (see name plate),  
Part Number, and Name & Description



# PARTS LIST FOR FEEDER, Continued (See Figure VA)

Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description
VA-114	22140	Gib, Feeder	VA-162	22468	Tube, Fluffer	VA-196	23446	Spring, Pile Rear Guide
VA-115	22859	Gib, Table	VA-163	H-48645	Screw, Flat Hd Mach 8-32 x 1/2	VA-197	23447	Spring, Rear Guide Stud
VA-116	H-49310	Screw, Flat Hd Mach 3/8-16 x 7/8	VA-164	H-66819E	Screw, Thumb, Economy 8-32 x 3/8	VA-198	23448	Pin, Dowel 1/8 x 9/16 x 7/32 x 1/32
VA-117	H-57092	Screw, Sq Hd Set 3/8-16 x 7/8	VA-165	DP-3	Pin, Dowel 1/8 x 5/16	VA-199	DP-27	Pin, Dowel 3/32 x 3/8
VA-118	21000	Bracket, Pile Guide Rod Arm	VA-166	A22469	Assembly, Fluffer Stop (lower feed)	VA-200	DP-13	Pin, Dowel 3/32 x 1/2
VA-119	22002	Arm, Pile Guide - Lt	VA-167	A22469	Assembly, Fluffer Stop (cardboard feed)	VA-201	DP-15	Pin, Dowel 3/32 x 1/2
VA-120	22002	Arm, Pile Guide - Rt	VA-168	A23350	Screw, Thumb, Economy 8-32 x 3/8	VA-202	DP-19	Pin, Dowel 3/32 x 3/4
VA-121	22344	Spring, Guide Rod Arm	VA-169	WR-6819E	Screw, Thumb, Economy 8-32 x 3/8	VA-203	H-47875	Screw, Fill Hd Mach 10-24 x 3/8
VA-122	21661	Stop, Guide Rod Arm	VA-170	22423	Guide, Sheet - Lt	VA-204	H-47875	Screw, Fill Hd Mach 10-24 x 3/8
VA-123	21660	Stop, Guide Rod Arm	VA-171	22423	Guide, Sheet - Rt	VA-205	H-67312	Ball, Steel 3/16
VA-124	22226	Stop, Guide Rod Arm	VA-172	22259	Stop, Feeder Blow	VA-206	22326	Lever, Feeder Pile Pawl Trip
VA-125	22226	Stop, Guide Rod Arm	VA-173	22259	Stop, Feeder Blow	VA-207	22895	Stud, Pile Spring
VA-126	TP-77	Pin, Taper 3/1 x 1	VA-174	22259	Stop, Feeder Blow	VA-208	22895	Lever, Pile Reg Inter
VA-127	H-50871	Screw, Rd Hd Mach 1/4-20 x 5/8 Spl 3/8 Thd	VA-175	22259	Stop, Feeder Blow	VA-209	22895	Pin, Inter Lever 3/4
VA-128	21140	Bracket, Blower Tube	VA-176	H-50124	Washer, Shockproof Lock 11/24	VA-210	22895	Pin, Inter Lever 3/4
VA-129	21762	Screw, Blower Tube	VA-177	H-50124	Washer, Shockproof Lock 11/24	VA-211	22895	Pin, Inter Lever 3/4
VA-130	21762	Screw, Blower Tube	VA-178	H-50124	Washer, Shockproof Lock 11/24	VA-212	22895	Pin, Inter Lever 3/4
VA-131	IMP-60-F6	Imp, 60-F6	VA-179	22611	Pin, Brass Oil	VA-213	TP-102	Pin, Taper 3/1 x 1
VA-132	IMP-60-F6	Imp, 60-F6	VA-180	22611	Pin, Brass Oil	VA-214	TP-102	Pin, Taper 3/1 x 1
VA-133	IMP-60-F6	Imp, 60-F6	VA-181	22611	Pin, Brass Oil	VA-215	H-56932	Nut, Hex 5/16-18 x 1-3/8
VA-134	IMP-60-F6	Imp, 60-F6	VA-182	22611	Pin, Brass Oil	VA-216	H-35057	Nut, Hex 5/16-18 x 1-3/8
VA-135	IMP-60-F6	Imp, 60-F6	VA-183	22611	Pin, Brass Oil	VA-217	DP-53	Pin, Dowel 3/16 x 1-1/4
VA-136	H-75011	Plug, Pipe Sq Hd 1/4	VA-184	22611	Pin, Brass Oil	VA-218	DP-53	Pin, Dowel 3/16 x 1-1/4
VA-137	H-46343	Screw, Hex Soc Cap 3/8-16 x 3/4	VA-185	22611	Pin, Brass Oil	VA-219	22895	Pin, Dowel 3/16 x 1-1/4
VA-138	SLW-1124	Washer, Shockproof Lock 11/24	VA-186	22611	Pin, Brass Oil	VA-220	H-43080	Screw, Sq Hd Set 5/16-18 x 7/8
VA-139	H-52162	Screw, Fill Hd Mach 10-32 x 1/2	VA-187	22611	Pin, Brass Oil	VA-221	H-35359	Screw, Sq Hd Set 5/16-18 x 7/8
VA-140	H-35380	Screw, Fill Hd Mach 10-32 x 1/2	VA-188	22611	Pin, Brass Oil	VA-222	H-56892	Screw, Sq Hd Set 5/16-18 x 7/8
VA-141	21010	Platform, Feeder	VA-189	22611	Pin, Brass Oil	VA-223	22661	Stud, Feeder Post
VA-142	22338	Stud, Feeder Post	VA-190	22611	Pin, Brass Oil	VA-224	22661	Stud, Feeder Post
VA-143	H-36650	Washer, Shockproof Lock 11/24	VA-191	22611	Pin, Brass Oil	VA-225	22661	Stud, Feeder Post
VA-144	21597	Washer, Shockproof Lock 11/24	VA-192	22611	Pin, Brass Oil	VA-226	22661	Stud, Feeder Post
VA-145	H-450-9	Washer, Shockproof Lock 11/24	VA-193	22611	Pin, Brass Oil	VA-227	22661	Stud, Feeder Post
VA-146	H-48671	Washer, Shockproof Lock 11/24	VA-194	22611	Pin, Brass Oil	VA-228	22661	Stud, Feeder Post
VA-147	22395	Washer, Shockproof Lock 11/24	VA-195	22611	Pin, Brass Oil	VA-229	22661	Stud, Feeder Post
VA-148	22395	Washer, Shockproof Lock 11/24	VA-196	22611	Pin, Brass Oil	VA-230	22661	Stud, Feeder Post
VA-149	DP-110	Pin, Dowel 3/8 x 3/4	VA-197	22611	Pin, Brass Oil	VA-231	22661	Stud, Feeder Post
VA-150	21599A	Pin, Dowel 3/8 x 3/4	VA-198	22611	Pin, Brass Oil	VA-232	22661	Stud, Feeder Post
VA-151	H-51712	Screw, Slotted Set 1/4-20 x 3/8	VA-199	22611	Pin, Brass Oil	VA-233	22661	Stud, Feeder Post
VA-152	21601	Stuff, Blower Tube Adjusting	VA-200	22611	Pin, Brass Oil	VA-234	22661	Stud, Feeder Post
VA-153	21601	Stuff, Blower Tube Adjusting	VA-201	22611	Pin, Brass Oil	VA-235	22661	Stud, Feeder Post
VA-154	21601	Stuff, Blower Tube Adjusting	VA-202	22611	Pin, Brass Oil	VA-236	22661	Stud, Feeder Post
VA-155	TP-106	Pin, Dowel 3/8 x 3/4	VA-203	22611	Pin, Brass Oil	VA-237	22661	Stud, Feeder Post
VA-156	21680	Wheel, Blower Tube Adj Hand	VA-204	22611	Pin, Brass Oil	VA-238	22661	Stud, Feeder Post
VA-157	TP-104	Pin, Taper 3/8 x 7/8	VA-205	22611	Pin, Brass Oil	VA-239	22661	Stud, Feeder Post
VA-158	22027	Guide, Feeder Table-Lt	VA-206	22611	Pin, Brass Oil	VA-240	22661	Stud, Feeder Post
VA-159	22424	Clamp, Sheet Guide	VA-207	22611	Pin, Brass Oil	VA-241	22661	Stud, Feeder Post
VA-160	22424	Clamp, Sheet Guide	VA-208	22611	Pin, Brass Oil	VA-242	22661	Stud, Feeder Post
VA-161	22468	Tube, Fluffer	VA-209	22611	Pin, Brass Oil	VA-243	22661	Stud, Feeder Post
VA-162	H-48665	Screw, Fill Hd Mach 10-32 x 1/2	VA-210	22611	Pin, Brass Oil	VA-244	22661	Stud, Feeder Post
VA-163	H-46819E	Screw, Thumb, Economy 8-32 x 3/8	VA-211	22611	Pin, Brass Oil	VA-245	22661	Stud, Feeder Post
VA-164	DP-3	Pin, Dowel 1/8 x 5/16	VA-212	22611	Pin, Brass Oil	VA-246	22661	Stud, Feeder Post
VA-165	22002	Arm, Pile Guide - Lt	VA-213	22611	Pin, Brass Oil	VA-247	22661	Stud, Feeder Post
VA-166	22002	Arm, Pile Guide - Rt	VA-214	22611	Pin, Brass Oil	VA-248	22661	Stud, Feeder Post
VA-167	22002	Arm, Pile Guide - Lt	VA-215	22611	Pin, Brass Oil	VA-249	22661	Stud, Feeder Post
VA-168	22002	Arm, Pile Guide - Rt	VA-216	22611	Pin, Brass Oil	VA-250	22661	Stud, Feeder Post
VA-169	22002	Arm, Pile Guide - Lt	VA-217	22611	Pin, Brass Oil	VA-251	22661	Stud, Feeder Post
VA-170	22002	Arm, Pile Guide - Rt	VA-218	22611	Pin, Brass Oil	VA-252	22661	Stud, Feeder Post
VA-171	22002	Arm, Pile Guide - Lt	VA-219	22611	Pin, Brass Oil	VA-253	22661	Stud, Feeder Post
VA-172	22002	Arm, Pile Guide - Rt	VA-220	22611	Pin, Brass Oil	VA-254	22661	Stud, Feeder Post
VA-173	22002	Arm, Pile Guide - Lt	VA-221	22611	Pin, Brass Oil			
VA-174	22002	Arm, Pile Guide - Rt	VA-222	22611	Pin, Brass Oil			
VA-175	22002	Arm, Pile Guide - Lt	VA-223	22611	Pin, Brass Oil			
VA-176	22002	Arm, Pile Guide - Rt	VA-224	22611	Pin, Brass Oil			
VA-177	22002	Arm, Pile Guide - Lt	VA-225	22611	Pin, Brass Oil			
VA-178	22002	Arm, Pile Guide - Rt	VA-226	22611	Pin, Brass Oil			
VA-179	22002	Arm, Pile Guide - Lt	VA-227	22611	Pin, Brass Oil			
VA-180	22002	Arm, Pile Guide - Rt	VA-228	22611	Pin, Brass Oil			
VA-181	22002	Arm, Pile Guide - Lt	VA-229	22611	Pin, Brass Oil			
VA-182	22002	Arm, Pile Guide - Rt	VA-230	22611	Pin, Brass Oil			
VA-183	22002	Arm, Pile Guide - Lt	VA-231	22611	Pin, Brass Oil			
VA-184	22002	Arm, Pile Guide - Rt	VA-232	22611	Pin, Brass Oil			
VA-185	22002	Arm, Pile Guide - Lt	VA-233	22611	Pin, Brass Oil			
VA-186	22002	Arm, Pile Guide - Rt	VA-234	22611	Pin, Brass Oil			
VA-187	22002	Arm, Pile Guide - Lt	VA-235	22611	Pin, Brass Oil			
VA-188	22002	Arm, Pile Guide - Rt	VA-236	22611	Pin, Brass Oil			
VA-189	22002	Arm, Pile Guide - Lt	VA-237	22611	Pin, Brass Oil			
VA-190	22002	Arm, Pile Guide - Rt	VA-238	22611	Pin, Brass Oil			
VA-191	22002	Arm, Pile Guide - Lt	VA-239	22611	Pin, Brass Oil			
VA-192	22002	Arm, Pile Guide - Rt	VA-240	22611	Pin, Brass Oil			
VA-193	22002	Arm, Pile Guide - Lt	VA-241	22611	Pin, Brass Oil			
VA-194	22002	Arm, Pile Guide - Rt	VA-242	22611	Pin, Brass Oil			
VA-195	22002	Arm, Pile Guide - Lt	VA-243	22611	Pin, Brass Oil			
VA-196	22002	Arm, Pile Guide - Rt	VA-244	22611	Pin, Brass Oil			
VA-197	22002	Arm, Pile Guide - Lt	VA-245	22611	Pin, Brass Oil			
VA-198	22002	Arm, Pile Guide - Rt	VA-246	22611	Pin, Brass Oil			
VA-199	22002	Arm, Pile Guide - Lt	VA-247	22611	Pin, Brass Oil			
VA-200	22002	Arm, Pile Guide - Rt	VA-248	22611	Pin, Brass Oil			
VA-201	22002	Arm, Pile Guide - Lt	VA-249	22611	Pin, Brass Oil			
VA-202	22002	Arm, Pile Guide - Rt	VA-250	22611	Pin, Brass Oil			
VA-203	22002	Arm, Pile Guide - Lt	VA-251	22611	Pin, Brass Oil			
VA-204	22002	Arm, Pile Guide - Rt	VA-252	22611	Pin, Brass Oil			
VA-205	22002	Arm, Pile Guide - Lt	VA-253	22611	Pin, Brass Oil			
VA-206	22002	Arm, Pile Guide - Rt	VA-254	22611	Pin, Brass Oil			
VA-207	22002	Arm, Pile Guide - Lt						
VA-208	22002	Arm, Pile Guide - Rt						
VA-209	22002	Arm, Pile Guide - Lt						
VA-210	22002	Arm, Pile Guide - Rt						
VA-211	22002	Arm, Pile Guide - Lt						
VA-212	22002	Arm, Pile Guide - Rt						
VA-213	22002	Arm, Pile Guide - Lt						
VA-214	22002	Arm, Pile Guide - Rt						
VA-215	22002	Arm, Pile Guide - Lt						
VA-216	22002	Arm, Pile Guide - Rt						
VA-217	22002	Arm, Pile Guide - Lt						
VA-218	22002	Arm, Pile Guide - Rt						
VA-219	22002	Arm, Pile Guide - Lt						
VA-220	22002	Arm, Pile Guide - Rt						
VA-221	22002	Arm, Pile Guide - Lt						
VA-222	22002	Arm, Pile Guide - Rt						
VA-223	22002	Arm, Pile Guide - Lt						
VA-224	22002	Arm, Pile Guide - Rt						
VA-225	22002	Arm, Pile Guide - Lt						
VA-226	22002	Arm, Pile Guide - Rt						
VA-227	22002	Arm, Pile Guide - Lt						
VA-228	22002	Arm, Pile Guide - Rt						
VA-229	22002	Arm, Pile Guide - Lt						
VA-230	22002	Arm, Pile Guide - Rt						
VA-231	22002	Arm, Pile Guide - Lt						
VA-232	22002	Arm, Pile Guide - Rt						
VA-233	22002	Arm, Pile Guide - Lt						
VA-234	22002	Arm, Pile Guide - Rt						
VA-235	22002	Arm, Pile Guide - Lt						
VA-236	22002	Arm, Pile Guide - Rt						
VA-237	22002	Arm, Pile Guide - Lt						
VA-238	22002	Arm, Pile Guide - Rt						
VA-239	22002	Arm, Pile Guide - Lt						
VA-240	22002	Arm, Pile Guide - Rt						
VA-241	22002	Arm, Pile Guide - Lt						
VA-242	22002	Arm, Pile Guide - Rt						
VA-243	22002	Arm, Pile Guide - Lt						
VA-244	22002	Arm, Pile Guide - Rt						
VA-245	22002	Arm, Pile Guide - Lt						
VA-246	22002	Arm, Pile Guide - Rt						
VA-247	22002	Arm, Pile Guide - Lt						
VA-248	22002	Arm, Pile Guide - Rt						
VA-249	22002	Arm, Pile Guide - Lt						
VA-250	22002	Arm, Pile Guide - Rt						
VA-251	22002	Arm, Pile Guide - Lt						
VA-252	22002	Arm, Pile Guide - Rt						
VA-253	22002	Arm, Pile Guide - Lt						
VA-254	22002	Arm, Pile Guide - Rt						

\*All parts indicated by asterisk (\*) preceding the part number are commercial parts and may be ordered from a local hardware store or machinist supply house.  
Primary parts of an assembly will always include those parts which are indicated under them in the classified lists.  
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Always be sure to give serial number of press when ordering parts.

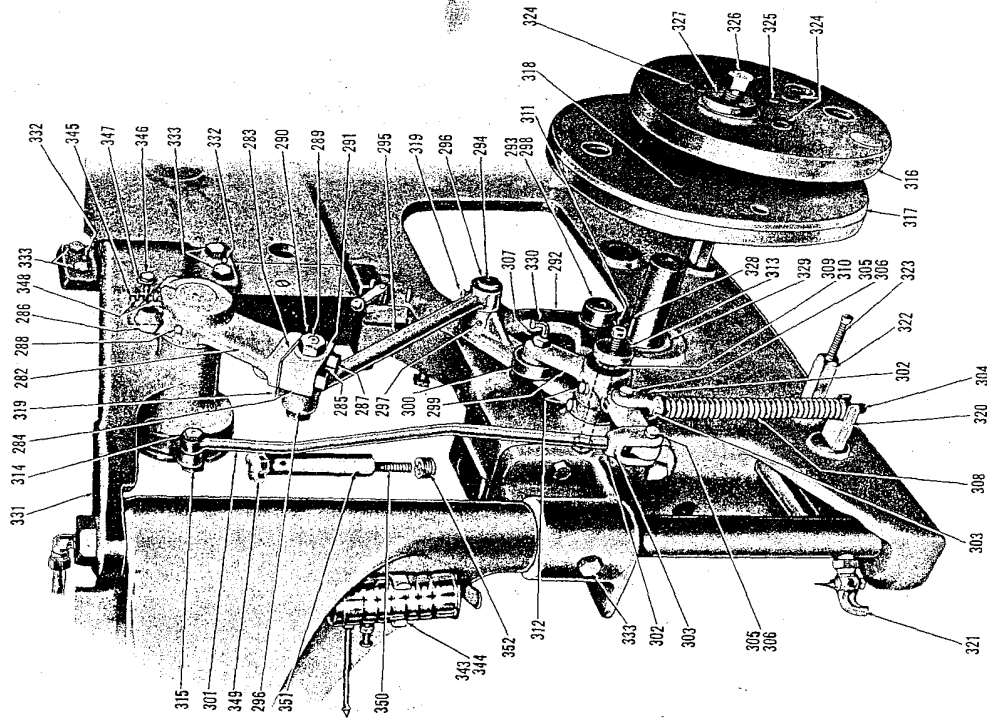
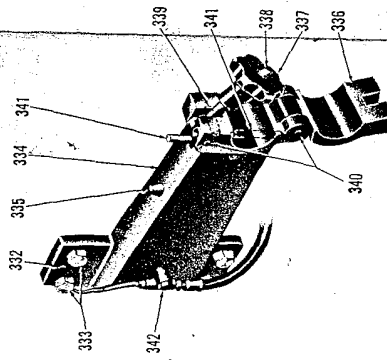
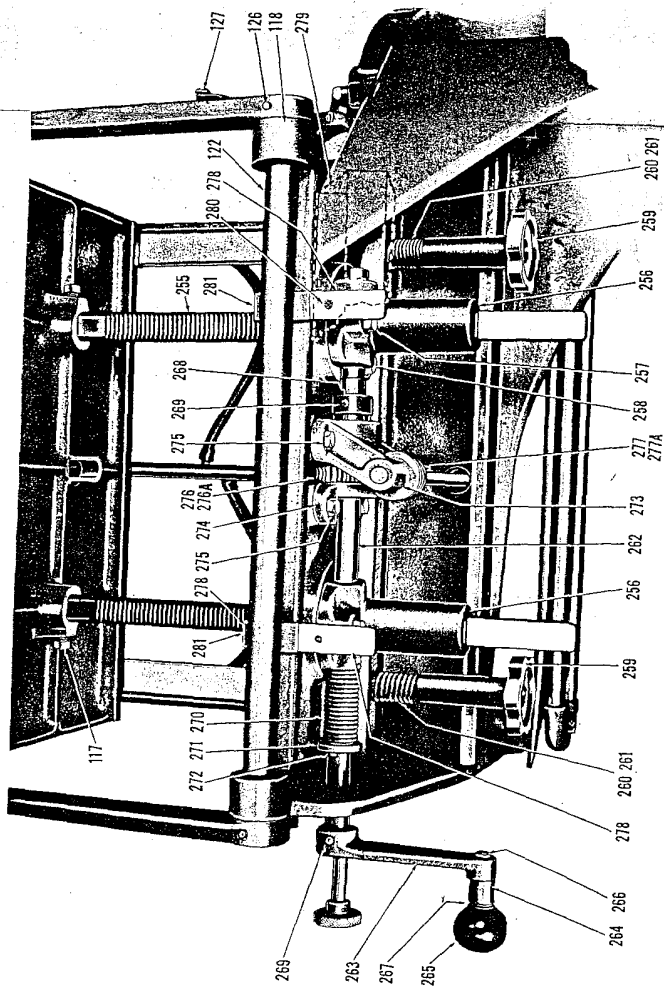


FIGURE VA-Continued

When ordering parts always specify  
Serial Number of press (see name plate),  
Part Number, and Name & Description

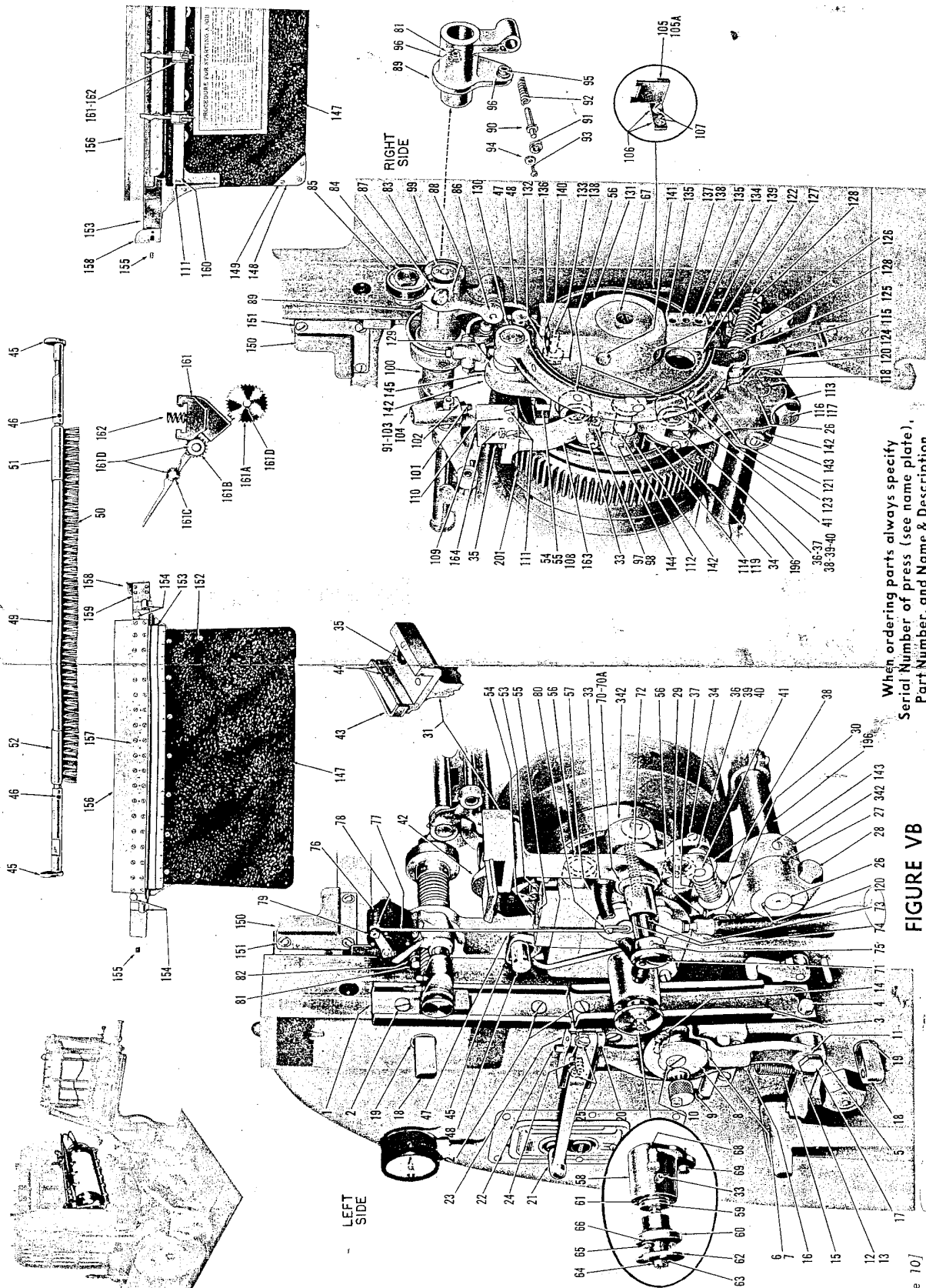
# PARTS LIST FOR FEEDER, Continued (See Figure VA)

Figure and Index No.	Name and Description			Part Number	Figure and Index No.	Name and Description			Part Number
	1	2	3			1	2	3	
VA-255	23489	Rack, Feeder Table		*H-43535	VA-319	Screw, Hex Hd Cap 1/2-13 x 2-1/4			*G-302
VA-256	22851	Guide, Feeder Pile Rack		TP-51	VA-320	Pin, Taper #5 x 2-1/2			*H-43540
VA-257	*H-43280	Screw, Hex Hd Cap 3/8-16 x 1-3/4		22727	VA-321	Pin, Taper #5 x 2-1/2			*H-43541
VA-258	*H-43245	Screw, Hex Hd Cap 3/8-16 x 1		*H-35080	VA-322	Nut, Hex 1/2-13			21831
VA-259	22854	Spring, Side Guide Shipping		WR-56	VA-323	Washer, Finished 1/2 x 1-1/8 x 1/8			*H-46352
VA-260	22808	Spring, Side Guide Shipping		23172	VA-324	Lever, Feeder Cam			*H-46446
VA-261	WR-36	Washer, Finished 3/8 x 1-3/32 x 1/8		23879	VA-325	Roller, Feeder Cam			DP-141
VA-262	22902	Shaft, Worm Gear		23879	VA-326	Roller, Feeder Cam			*H-44010
VA-263	22679	Shaft, Worm Gear		23879	VA-327	Roller, Feeder Cam			*H-44010
VA-264	H-43154	Crank, Pile Adjusting		*OA-814	VA-328	Roller, Feeder Cam			K-E
VA-265	WR-21	Stud, Adj Crank Handle		*H-35560	VA-329	Roller, Feeder Cam			*OA-2403
VA-266	H-35764	Washer, Finished 1/2 x 1-1/8 x 1/16		TP-85	VA-330	Pin, Taper #2 x 1-3/8			Cup, Oil, Gits Bros. Style L 10-32 Thd
VA-267	22676	Washer, Lock 3/8 x 1/8 x 3/32		*H-35560	VA-331	Nut, Hex Jam 1/2-20			21011
VA-268	TP-400	Collar, Pile Adj Clutch		23882	VA-332	Lever, Shift Cam			DP-114
VA-269	WR-40	Pin, Taper #3 x 1-3/8		23882	VA-333	Roller, Shift Cam			*H-43545
VA-270	WR-78	Spring, Worm Gear Shaft		23882	VA-334	Roller, Shift Cam			22032
VA-271	*H-34614	Pin, Taper #3 x 1-3/8 x 3/16		23882	VA-335	Roller, Shift Cam			21632
VA-272	22853	Pin, Taper #3 x 1-3/8 x 3/16		23882	VA-336	Roller, Shift Cam			22856
VA-273	22854	Bearing, Worm Shaft		23882	VA-337	Roller, Shift Cam			22857
VA-274	22854	Bearing, Worm Shaft		23882	VA-338	Roller, Shift Cam			22857
VA-275	*H-43100	Screw, Hex Hd Cap 5/16-18 x 1		23882	VA-339	Roller, Shift Cam			DP-114
VA-276	H-43100	Gear, Pile Adj Worm (paper feed)		23882	VA-340	Roller, Shift Cam			DP-114
VA-277	21387	Gear, Pile Adj Worm (cardboard feed)		23882	VA-341	Roller, Shift Cam			DP-123
VA-278	22984	Worm, Pile Adj (cardboard feed)		*H-34524	VA-342	Roller, Shift Cam			DP-105
VA-279	21388	Worm, Pile Adj (cardboard feed)		22480	VA-343	Roller, Shift Cam			*H-42975
VA-280	21394	Box, Tool		*H-43546	VA-344	Roller, Shift Cam			*H-42975
VA-281	*H-43170	Screw, Hex Hd Cap 1/4-20 x 3/8		2181094	VA-345	Roller, Shift Cam			*H-42975
VA-282	*H-46445	Screw, Hex Hd Cap 1/4-20 x 5/8		*G-402	VA-346	Roller, Shift Cam			*H-42975
VA-283	22146	Shim, Connecting Rod		22879	VA-347	Roller, Shift Cam			*H-42975
VA-284	22732	Shim, Connecting Rod		*H-35066	VA-348	Roller, Shift Cam			*H-42975
VA-285	22732	Shim, Connecting Rod		23068	VA-349	Roller, Shift Cam			22662
VA-286	*H-43845	Screw, Hex Hd Cap 5/8-11 x 2-1/4		*H-54193	VA-350	Roller, Shift Cam			22662

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Primary parts of an assembly will always include those parts which are indicated under them in the classified lists.  
All parts listed in *italic type* will be sold *only with the parts to which they are attached. They will not be sold separately.*

Always be sure to give serial number of press when ordering parts.

# TRANSFER TABLE, SIDE GUIDE and CYLINDER



When ordering parts always specify  
Serial Number of press (see name plate),  
Part Number, and Name & Description

FIGURE VB

(Figure VB continued on page 12)

## PARTS LIST FOR TRANSFER TABLE, SIDE GUIDE and CYLINDER

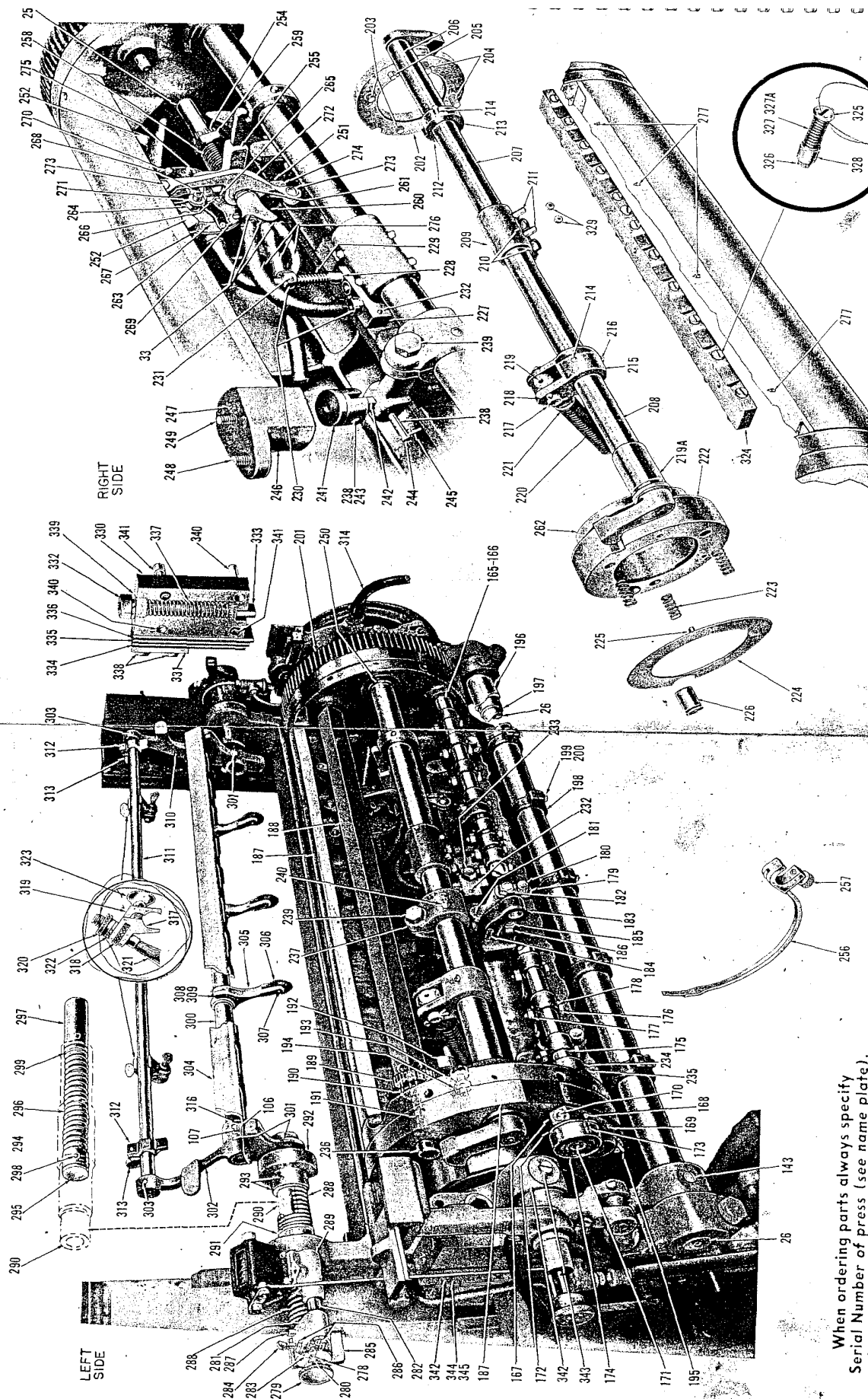
(See Figure VB)

Figure and Index No.			Name and Description			Part Number		
1	2	3	1	2	3	1	2	3
VB-1	23538	Guide, Cam, Black	VB-59	22910	Spring, Auto Stop Piston	VB-113	23766	Lever, Trans Table Shift - Rt
VB-2	22805	Stud, Shifting Block Cam	VB-60	22990	Cap, Auto Stop Cylinder	VB-114	22934	Am, Spring Roller
VB-3	22833	Cam, Side Guide	VB-61	20277	Pin, Dowel 1/8 x 3/8	VB-115	23760	Screw, Hex Hd Cap 1/2-13 x 2-1/2 Spl 1-7/8 Thd
VB-4	21826	Stud, Cam, Lower	VB-62	20276	Pin, Dowel 1/8 x 3/8	VB-116	H-43552	Nut, Hex 1/2-13
VB-5	21831	Stud, Auto Stop	VB-63	H-22995	Pin, Cotter 1/16 x 3/8	VB-117	H-35080	Roller, Transfer Table Cam
VB-6	21831	Stud, Auto Stop	VB-64	H-34500	Nut, Hex Slotted, Light 1/4-28	VB-118	22869	Pin, Dowel 1/4 x 5/8
VB-7	22829	Stud, Auto Stop	VB-65	H-47310	Screw, Flat Hd Mach 8-32 x 1/2	VB-119	22869	Roller, Transfer Table Cam
VB-8	22829	Stud, Auto Stop	VB-66	H-36734	Pin, Washer, Lock 8 x .047 x .047 H.C.	VB-120	K-15	Band, Cylinder 1 1/4
VB-9	22829	Stud, Auto Stop	VB-67	H-36734	Pin, Washer, Lock 8 x .047 x .047 H.C.	VB-121	23146	Band, Cylinder 1 1/4
VB-10	22829	Stud, Auto Stop	VB-68	H-46288	Pin, Washer, Lock 8 x .047 x .047 H.C.	VB-122	23755	Lining, Brake Band
VB-11	22829	Stud, Auto Stop	VB-69	H-46290	Screw, Hex Soc Cap 1/4-20 x 5/8	VB-123	H-30304	Pin, Spring Rod
VB-12	22829	Stud, Auto Stop	VB-70	H-46290	Screw, Hex Soc Cap 1/4-20 x 7/8	VB-124	23759	Pin, Spring Rod
VB-13	22829	Stud, Auto Stop	VB-71	H-46290	Screw, Hex Soc Cap 1/4-20 x 7/8	VB-125	23884	Pin, Spring Rod
VB-14	22829	Stud, Auto Stop	VB-72	21765	Stud, Trans Table Lever - Lt	VB-126	1974	Pin, Spring Rod
VB-15	22829	Stud, Auto Stop	VB-73	23665	Stud, Lock Collar Spring Pin	VB-127	23762	Pin, Spring Rod
VB-16	22829	Stud, Auto Stop	VB-74	23666	Pin, Lock Collar Spring	VB-128	23762	Pin, Spring Rod
VB-17	22829	Stud, Auto Stop	VB-75	23666	Pin, Lock Collar Spring	VB-129	23762	Pin, Spring Rod
VB-18	22829	Stud, Auto Stop	VB-76	23666	Pin, Lock Collar Spring	VB-130	23762	Pin, Spring Rod
VB-19	22829	Stud, Auto Stop	VB-77	23666	Pin, Lock Collar Spring	VB-131	23762	Pin, Spring Rod
VB-20	22829	Stud, Auto Stop	VB-78	23666	Pin, Lock Collar Spring	VB-132	23762	Pin, Spring Rod
VB-21	22829	Stud, Auto Stop	VB-79	23666	Pin, Lock Collar Spring	VB-133	23762	Pin, Spring Rod
VB-22	22829	Stud, Auto Stop	VB-80	23666	Pin, Lock Collar Spring	VB-134	23762	Pin, Spring Rod
VB-23	22829	Stud, Auto Stop	VB-81	23666	Pin, Lock Collar Spring	VB-135	23762	Pin, Spring Rod
VB-24	22829	Stud, Auto Stop	VB-82	23666	Pin, Lock Collar Spring	VB-136	23762	Pin, Spring Rod
VB-25	22829	Stud, Auto Stop	VB-83	23666	Pin, Lock Collar Spring	VB-137	23762	Pin, Spring Rod
VB-26	22829	Stud, Auto Stop	VB-84	23666	Pin, Lock Collar Spring	VB-138	23762	Pin, Spring Rod
VB-27	22829	Stud, Auto Stop	VB-85	23666	Pin, Lock Collar Spring	VB-139	23762	Pin, Spring Rod
VB-28	22829	Stud, Auto Stop	VB-86	23666	Pin, Lock Collar Spring	VB-140	23762	Pin, Spring Rod
VB-29	22829	Stud, Auto Stop	VB-87	23666	Pin, Lock Collar Spring	VB-141	23762	Pin, Spring Rod
VB-30	22829	Stud, Auto Stop	VB-88	23666	Pin, Lock Collar Spring	VB-142	23762	Pin, Spring Rod
VB-31	22829	Stud, Auto Stop	VB-89	23666	Pin, Lock Collar Spring	VB-143	23762	Pin, Spring Rod
VB-32	22829	Stud, Auto Stop	VB-90	23666	Pin, Lock Collar Spring	VB-144	23762	Pin, Spring Rod
VB-33	22829	Stud, Auto Stop	VB-91	23666	Pin, Lock Collar Spring	VB-145	23762	Pin, Spring Rod
VB-34	22829	Stud, Auto Stop	VB-92	23666	Pin, Lock Collar Spring	VB-146	23762	Pin, Spring Rod
VB-35	22829	Stud, Auto Stop	VB-93	23666	Pin, Lock Collar Spring	VB-147	23762	Pin, Spring Rod
VB-36	22829	Stud, Auto Stop	VB-94	23666	Pin, Lock Collar Spring	VB-148	23762	Pin, Spring Rod
VB-37	22829	Stud, Auto Stop	VB-95	23666	Pin, Lock Collar Spring	VB-149	23762	Pin, Spring Rod
VB-38	22829	Stud, Auto Stop	VB-96	23666	Pin, Lock Collar Spring	VB-150	23762	Pin, Spring Rod
VB-39	22829	Stud, Auto Stop	VB-97	23666	Pin, Lock Collar Spring	VB-151	23762	Pin, Spring Rod
VB-40	22829	Stud, Auto Stop	VB-98	23666	Pin, Lock Collar Spring	VB-152	23762	Pin, Spring Rod
VB-41	22829	Stud, Auto Stop	VB-99	23666	Pin, Lock Collar Spring	VB-153	23762	Pin, Spring Rod
VB-42	22829	Stud, Auto Stop	VB-100	23666	Pin, Lock Collar Spring	VB-154	23762	Pin, Spring Rod
VB-43	22829	Stud, Auto Stop	VB-101	23666	Pin, Lock Collar Spring	VB-155	23762	Pin, Spring Rod
VB-44	22829	Stud, Auto Stop	VB-102	23666	Pin, Lock Collar Spring	VB-156	23762	Pin, Spring Rod
VB-45	22829	Stud, Auto Stop	VB-103	23666	Pin, Lock Collar Spring	VB-157	23762	Pin, Spring Rod
VB-46	22829	Stud, Auto Stop	VB-104	23666	Pin, Lock Collar Spring	VB-158	23762	Pin, Spring Rod
VB-47	22829	Stud, Auto Stop	VB-105	23666	Pin, Lock Collar Spring	VB-159	23762	Pin, Spring Rod
VB-48	22829	Stud, Auto Stop	VB-106	23666	Pin, Lock Collar Spring	VB-160	23762	Pin, Spring Rod
VB-49	22829	Stud, Auto Stop	VB-107	23666	Pin, Lock Collar Spring	VB-161	23762	Pin, Spring Rod
VB-50	22829	Stud, Auto Stop	VB-108	23666	Pin, Lock Collar Spring	VB-162	23762	Pin, Spring Rod
VB-51	22829	Stud, Auto Stop	VB-109	23666	Pin, Lock Collar Spring	VB-163	23762	Pin, Spring Rod
VB-52	22829	Stud, Auto Stop	VB-110	23666	Pin, Lock Collar Spring	VB-164	23762	Pin, Spring Rod
VB-53	22829	Stud, Auto Stop	VB-111	23666	Pin, Lock Collar Spring	VB-165	23762	Pin, Spring Rod
VB-54	22829	Stud, Auto Stop	VB-112	23666	Pin, Lock Collar Spring	VB-166	23762	Pin, Spring Rod
VB-55	22829	Stud, Auto Stop	VB-113	23666	Pin, Lock Collar Spring	VB-167	23762	Pin, Spring Rod
VB-56	22829	Stud, Auto Stop	VB-114	23666	Pin, Lock Collar Spring	VB-168	23762	Pin, Spring Rod
VB-57	22829	Stud, Auto Stop	VB-115	23666	Pin, Lock Collar Spring	VB-169	23762	Pin, Spring Rod
VB-58	22829	Stud, Auto Stop	VB-116	23666	Pin, Lock Collar Spring	VB-170	23762	Pin, Spring Rod
VB-59	22829	Stud, Auto Stop	VB-117	23666	Pin, Lock Collar Spring	VB-171	23762	Pin, Spring Rod
VB-60	22829	Stud, Auto Stop	VB-118	23666	Pin, Lock Collar Spring	VB-172	23762	Pin, Spring Rod
VB-61	22829	Stud, Auto Stop	VB-119	23666	Pin, Lock Collar Spring	VB-173	23762	Pin, Spring Rod
VB-62	22829	Stud, Auto Stop	VB-120	23666	Pin, Lock Collar Spring	VB-174	23762	Pin, Spring Rod
VB-63	22829	Stud, Auto Stop	VB-121	23666	Pin, Lock Collar Spring	VB-175	23762	Pin, Spring Rod
VB-64	22829	Stud, Auto Stop	VB-122	23666	Pin, Lock Collar Spring	VB-176	23762	Pin, Spring Rod
VB-65	22829	Stud, Auto Stop	VB-123	23666	Pin, Lock Collar Spring	VB-177	23762	Pin, Spring Rod
VB-66	22829	Stud, Auto Stop	VB-124	23666	Pin, Lock Collar Spring	VB-178	23762	Pin, Spring Rod
VB-67	22829	Stud, Auto Stop	VB-125	23666	Pin, Lock Collar Spring	VB-179	23762	Pin, Spring Rod
VB-68	22829	Stud, Auto Stop	VB-126	23666	Pin, Lock Collar Spring	VB-180	23762	Pin, Spring Rod
VB-69	22829	Stud, Auto Stop	VB-127	23666	Pin, Lock Collar Spring	VB-181	23762	Pin, Spring Rod
VB-70	22829	Stud, Auto Stop	VB-128	23666	Pin, Lock Collar Spring	VB-182	23762	Pin, Spring Rod
VB-71	22829	Stud, Auto Stop	VB-129	23666	Pin, Lock Collar Spring	VB-183	23762	Pin, Spring Rod
VB-72	22829	Stud, Auto Stop	VB-130	23666	Pin, Lock Collar Spring	VB-184	23762	Pin, Spring Rod
VB-73	22829	Stud, Auto Stop	VB-131	23666	Pin, Lock Collar Spring	VB-185	23762	Pin, Spring Rod
VB-74	22829	Stud, Auto Stop	VB-132	23666	Pin, Lock Collar Spring	VB-186	23762	Pin, Spring Rod
VB-75	22829	Stud, Auto Stop	VB-133	23666	Pin, Lock Collar Spring	VB-187	23762	Pin, Spring Rod
VB-76	22829	Stud, Auto Stop	VB-134	23666	Pin, Lock Collar Spring	VB-188	23762	Pin, Spring Rod
VB-77	22829	Stud, Auto Stop	VB-135	23666	Pin, Lock Collar Spring	VB-189	23762	Pin, Spring Rod
VB-78	22829	Stud, Auto Stop	VB-136	23666	Pin, Lock Collar Spring	VB-190	23762	Pin, Spring Rod
VB-79	22829	Stud, Auto Stop	VB-137	23666	Pin, Lock Collar Spring	VB-191	23762	Pin, Spring Rod
VB-80	22829	Stud, Auto Stop	VB-138	23666	Pin, Lock Collar Spring	VB-192	23762	Pin, Spring Rod
VB-81	22829	Stud, Auto Stop	VB-139	23666	Pin, Lock Collar Spring	VB-193	23762	Pin, Spring Rod
VB-82	22829	Stud, Auto Stop	VB-140	23666	Pin, Lock Collar Spring	VB-194	23762	Pin, Spring Rod
VB-83	22829	Stud, Auto Stop	VB-141	23666	Pin, Lock Collar Spring	VB-195	23762	Pin, Spring Rod
VB-84	22829	Stud, Auto Stop	VB-142	23666	Pin, Lock Collar Spring	VB-196	23762	Pin, Spring Rod
VB-85	22829	Stud, Auto Stop	VB-143	23666	Pin, Lock Collar Spring	VB-197	23762	Pin, Spring Rod
VB-86	22829	Stud, Auto Stop	VB-144	23666	Pin, Lock Collar Spring	VB-198	23762	Pin, Spring Rod
VB-87	22829	Stud, Auto Stop	VB-145	23666	Pin, Lock Collar Spring	VB-199	23762	Pin, Spring Rod
VB-88	22829	Stud, Auto Stop	VB-146	23666	Pin, Lock Collar Spring	VB-200	23762	Pin, Spring Rod
VB-89	22829	Stud, Auto Stop	VB-147	23666	Pin, Lock Collar Spring	VB-201	23762	Pin, Spring Rod
VB-90	22829	Stud, Auto Stop	VB-148	23666	Pin, Lock Collar Spring	VB-202	23762	Pin, Spring Rod
VB-91	22829	Stud, Auto Stop	VB-149	23666	Pin, Lock Collar Spring	VB-203	23762	Pin, Spring Rod
VB-92	22829	Stud, Auto Stop	VB-150	23666	Pin, Lock Collar Spring	VB-204	23762	Pin, Spring Rod
VB-93	22829	Stud, Auto Stop	VB-151	23666	Pin, Lock Collar Spring	VB-205	23762	Pin, Spring Rod
VB-94	22829	Stud, Auto Stop	VB-152	23666	Pin, Lock Collar Spring	VB-206	23762	Pin, Spring Rod
VB-95	22829	Stud, Auto Stop	VB-153	23666	Pin, Lock Collar Spring	VB-207	23762	Pin, Spring Rod
VB-96	22829	Stud, Auto Stop	VB-154	23666	Pin, Lock Collar Spring	VB-208	23762	Pin, Spring Rod
VB-97	22829	Stud, Auto Stop	VB-155	23666	Pin, Lock Collar Spring	VB-209	23762	Pin, Spring Rod
VB-98	22829	Stud, Auto Stop	VB-156	23666	Pin, Lock Collar Spring	VB-210	23762	Pin, Spring Rod
VB-99	22829	Stud, Auto Stop	VB-157	23666	Pin, Lock Collar Spring	VB-211	23762	Pin, Spring Rod
VB-100	22829	Stud, Auto Stop	VB-158	23666	Pin, Lock Collar Spring	VB-212	23762	Pin, Spring Rod
VB-101	22829	Stud, Auto Stop	VB-159	23666	Pin, Lock Collar Spring	VB-213	23762	Pin, Spring Rod
VB-102	22829	Stud, Auto Stop	VB-160	23666	Pin, Lock Collar Spring	VB-214	23762	Pin, Spring Rod
VB-103	22829	Stud, Auto Stop	VB-161	23666	Pin, Lock Collar Spring	VB-215	23762	Pin, Spring Rod
VB-104	22829	Stud, Auto Stop	VB-162	23666	Pin, Lock Collar Spring	VB-216	23762	Pin, Spring Rod
VB-105	22829	Stud, Auto Stop	VB-163	23666	Pin, Lock Collar Spring	VB-217	23762	Pin, Spring Rod
VB-106	22829	Stud, Auto Stop	VB-164	23666	Pin, Lock Collar Spring	VB-218	23762	Pin, Spring Rod
VB-107	22829	Stud, Auto Stop	VB-165	23666	Pin, Lock Collar Spring	VB-219	23762	Pin, Spring Rod
VB-108	22829	Stud, Auto Stop	VB-166	23666	Pin, Lock Collar Spring	VB-220	23762	Pin, Spring Rod
VB-109	22829	Stud, Auto Stop	VB-167	23666	Pin, Lock Collar Spring	VB-221	23762	Pin, Spring Rod
VB-110	22829	Stud, Auto Stop	VB-168	23666	Pin, Lock Collar Spring	VB-222	23762	Pin, Spring Rod
VB-111	22829	Stud, Auto Stop	VB-169	23666	Pin, Lock Collar Spring	VB-223	23762	Pin, Spring Rod
VB-112	22829	Stud, Auto Stop	VB-170	23666	Pin, Lock Collar Spring	VB-224	23762	Pin, Spring Rod
VB-113	22829	Stud, Auto Stop	VB-171	23666	Pin, Lock Collar Spring	VB-225	23762	Pin, Spring Rod
VB-114	22829	Stud, Auto Stop	VB-172	23666	Pin, Lock Collar Spring	VB-226	23762	Pin, Spring Rod
VB-115	22829	Stud, Auto Stop	VB-173	23666	Pin, Lock Collar Spring	VB-227	23762	Pin, Spring Rod
VB-116	22829	Stud, Auto Stop	VB-174	23666	Pin, Lock Collar Spring	VB-228	23762	Pin, Spring Rod
VB-117	22829	Stud, Auto Stop	VB-175	23666	Pin, Lock Collar Spring	VB-229	23762	Pin, Spring Rod
VB-118	22829	Stud, Auto Stop	VB-176	23666	Pin, Lock Collar Spring	VB-230	23762	Pin, Spring Rod
VB-119	22829	Stud, Auto Stop	VB-177	23666	Pin, Lock Collar Spring	VB-231	23762	Pin, Spring Rod
VB-120	22829	Stud, Auto Stop	VB-178	23666	Pin, Lock Collar Spring	VB-232	23762	Pin, Spring Rod
VB-121	22829	Stud, Auto Stop	VB-179	23666	Pin, Lock Collar Spring	VB-233	23762	Pin, Spring Rod
VB-122	22829	Stud, Auto Stop	VB-180	23666	Pin, Lock Collar Spring	VB-234	23762	Pin, Spring Rod
VB-123	22829	Stud, Auto Stop	VB-181	23666	Pin, Lock Collar Spring	VB-235	23762	Pin, Spring Rod
VB-124	22829	Stud, Auto Stop	VB-182	23666	Pin, Lock Collar Spring	VB-236	23762	Pin, Spring Rod
VB-125	22829	Stud, Auto Stop	VB-183	23666	Pin, Lock Collar Spring	VB-237	23762	Pin, Spring Rod
VB-126	22829	Stud, Auto Stop	VB-184	23666	Pin, Lock Collar Spring	VB-238	23762	Pin, Spring Rod
VB-127	22829	Stud, Auto Stop	VB-185	23666	Pin, Lock Collar Spring	VB-239	23762	Pin, Spring Rod
VB-128	22829	Stud, Auto Stop	VB-186	23666	Pin, Lock Collar Spring	VB-240	23762	Pin, Spring Rod
VB-129	22829	Stud, Auto Stop	VB-187	23666	Pin, Lock Collar Spring	VB-241	23762	Pin, Spring Rod
VB-130	22829	Stud, Auto Stop	VB-188	23666	Pin, Lock Collar Spring	VB-242	23762	Pin, Spring Rod
VB-131	22829	Stud, Auto Stop	VB-189	23666	Pin, Lock Collar Spring	VB-243	23762	Pin, Spring Rod
VB-132	22829	Stud, Auto Stop	VB-190	23666	Pin, Lock Collar Spring	VB-244		

VB-67 Cylinder Journal Plug not used on Press after Serial No. 15809.

\*All parts indicated by asterisk (\*) preceding the part number are commercial parts and may be ordered from a local hardware store or machinist supply house.

**TRANSFER TABLE, SIDE GUIDE  
and CYLINDER continued**



**FIGURE VB—Continued**

When ordering parts always specify  
Serial Number of press (see name plate),  
Part Number, and Name & Description



(See Figure VB)

Figure and Index No.	Part Number	Name and Description	Part Number	Figure and Index No.	Part Number	Name and Description	Part Number	Figure and Index No.
VB-165	A23945	Pin, Reel Rod	23957	VB-226	VB-226	Bushing, Collar Spring Pin	23957	VB-226
VB-166	23946	Reel Rod	23958	VB-227	VB-227	Hole, Suction Tube	23958	VB-227
VB-167	23947	Lever, 1/2" x 1/4"	23959	VB-228	VB-228	Tube, Gripper Bar Suction	23959	VB-228
VB-168	TP-102	Pin, 1/2" x 1/4"	23960	VB-229	VB-229	Collar, Suction Tube	23960	VB-229
VB-169	TP-101	Pin, 1/2" x 1/4"	23961	VB-230	VB-230	Collar, Suction Tube	23961	VB-230
VB-170	*H-5322	Cover, 1/2" x 1/4"	23962	VB-231	VB-231	Pin, Dowel 1/4 x 3/8	23962	VB-231
VB-171	23947	Pin, 1/2" x 1/4"	23963	VB-232	VB-232	Screw, Hex Hd Cap 3/8-16 x 1	23963	VB-232
VB-172	23948	Pin, 1/2" x 1/4"	23964	VB-233	VB-233	Collar, Hex Hd Cap 3/8-16 x 1	23964	VB-233
VB-173	23949	Pin, 1/2" x 1/4"	23965	VB-234	VB-234	Pin, Dowel 1/4 x 3/8	23965	VB-234
VB-174	23950	Pin, 1/2" x 1/4"	23966	VB-235	VB-235	Pin, Dowel 1/4 x 3/8	23966	VB-235
VB-175	30155	Lever, Cylinder Gripper	23967	VB-236	VB-236	Pin, Dowel 1/4 x 3/8	23967	VB-236
VB-176	*H-44768	Screw, Hex Hd Cap 1/4-28 1-1/8	23968	VB-237	VB-237	Pin, Dowel 1/4 x 3/8	23968	VB-237
VB-177	*H-35232	Pin, Taper 1/4 x 1/8	23969	VB-238	VB-238	Pin, Dowel 1/4 x 3/8	23969	VB-238
VB-178	TP-104	Bracket, Cyl Gripper Bar	23970	VB-239	VB-239	Pin, Dowel 1/4 x 3/8	23970	VB-239
VB-179	12849	Pin, 1/2" x 1/4"	23971	VB-240	VB-240	Pin, Dowel 1/4 x 3/8	23971	VB-240
VB-180	DP-46	Pin, 1/2" x 1/4"	23972	VB-241	VB-241	Pin, Dowel 1/4 x 3/8	23972	VB-241
VB-181	DP-46	Pin, 1/2" x 1/4"	23973	VB-242	VB-242	Pin, Dowel 1/4 x 3/8	23973	VB-242
VB-182	*H-43280	Screw, Hex Hd Cap 3/8-16 1-3/4	23974	VB-243	VB-243	Pin, Dowel 1/4 x 3/8	23974	VB-243
VB-183	23454	Bearing, Gripper Rod Center	23975	VB-244	VB-244	Pin, Dowel 1/4 x 3/8	23975	VB-244
VB-184	DP-46	Pin, Dowel 3/16 x 1 1/16	23976	VB-245	VB-245	Pin, Dowel 1/4 x 3/8	23976	VB-245
VB-185	22844	Sud, Grip Rod Cent Bearing	23977	VB-246	VB-246	Pin, Dowel 1/4 x 3/8	23977	VB-246
VB-186	*H-35364	Nut, Hex Jam 3/8-16 Light	23978	VB-247	VB-247	Pin, Dowel 1/4 x 3/8	23978	VB-247
VB-187	22858	Reel Rod, Impression	23979	VB-248	VB-248	Pin, Dowel 1/4 x 3/8	23979	VB-248
VB-188	22859	Reel Rod, Impression	23980	VB-249	VB-249	Pin, Dowel 1/4 x 3/8	23980	VB-249
VB-189	22860	Reel Rod, Impression	23981	VB-250	VB-250	Pin, Dowel 1/4 x 3/8	23981	VB-250
VB-190	22861	Reel Rod, Impression	23982	VB-251	VB-251	Pin, Dowel 1/4 x 3/8	23982	VB-251
VB-191	22862	Reel Rod, Impression	23983	VB-252	VB-252	Pin, Dowel 1/4 x 3/8	23983	VB-252
VB-192	22863	Reel Rod, Impression	23984	VB-253	VB-253	Pin, Dowel 1/4 x 3/8	23984	VB-253
VB-193	22864	Reel Rod, Impression	23985	VB-254	VB-254	Pin, Dowel 1/4 x 3/8	23985	VB-254
VB-194	*H-36650	Pin, Reel Rod #39 SS-11509	23986	VB-255	VB-255	Pin, Dowel 1/4 x 3/8	23986	VB-255
VB-195	23959	Pin, Reel Rod Pawl #243A - A43	23987	VB-256	VB-256	Pin, Dowel 1/4 x 3/8	23987	VB-256
VB-196	23960	Pin, Reel Rod Pawl #243A - A43	23988	VB-257	VB-257	Pin, Dowel 1/4 x 3/8	23988	VB-257
VB-197	23961	Pin, Reel Rod Pawl #243A - A43	23989	VB-258	VB-258	Pin, Dowel 1/4 x 3/8	23989	VB-258
VB-198	23962	Pin, Reel Rod Pawl #243A - A43	23990	VB-259	VB-259	Pin, Dowel 1/4 x 3/8	23990	VB-259
VB-199	23963	Pin, Reel Rod Pawl #243A - A43	23991	VB-260	VB-260	Pin, Dowel 1/4 x 3/8	23991	VB-260
VB-200	23964	Pin, Reel Rod Pawl #243A - A43	23992	VB-261	VB-261	Pin, Dowel 1/4 x 3/8	23992	VB-261
VB-201	23965	Pin, Reel Rod Pawl #243A - A43	23993	VB-262	VB-262	Pin, Dowel 1/4 x 3/8	23993	VB-262
VB-202	23966	Pin, Reel Rod Pawl #243A - A43	23994	VB-263	VB-263	Pin, Dowel 1/4 x 3/8	23994	VB-263
VB-203	23967	Pin, Reel Rod Pawl #243A - A43	23995	VB-264	VB-264	Pin, Dowel 1/4 x 3/8	23995	VB-264
VB-204	23968	Pin, Reel Rod Pawl #243A - A43	23996	VB-265	VB-265	Pin, Dowel 1/4 x 3/8	23996	VB-265
VB-205	23969	Pin, Reel Rod Pawl #243A - A43	23997	VB-266	VB-266	Pin, Dowel 1/4 x 3/8	23997	VB-266
VB-206	23970	Pin, Reel Rod Pawl #243A - A43	23998	VB-267	VB-267	Pin, Dowel 1/4 x 3/8	23998	VB-267
VB-207	23971	Pin, Reel Rod Pawl #243A - A43	23999	VB-268	VB-268	Pin, Dowel 1/4 x 3/8	23999	VB-268
VB-208	23972	Pin, Reel Rod Pawl #243A - A43	24000	VB-269	VB-269	Pin, Dowel 1/4 x 3/8	24000	VB-269
VB-209	23973	Pin, Reel Rod Pawl #243A - A43	24001	VB-270	VB-270	Pin, Dowel 1/4 x 3/8	24001	VB-270
VB-210	23974	Pin, Reel Rod Pawl #243A - A43	24002	VB-271	VB-271	Pin, Dowel 1/4 x 3/8	24002	VB-271
VB-211	23975	Pin, Reel Rod Pawl #243A - A43	24003	VB-272	VB-272	Pin, Dowel 1/4 x 3/8	24003	VB-272
VB-212	23976	Pin, Reel Rod Pawl #243A - A43	24004	VB-273	VB-273	Pin, Dowel 1/4 x 3/8	24004	VB-273
VB-213	23977	Pin, Reel Rod Pawl #243A - A43	24005	VB-274	VB-274	Pin, Dowel 1/4 x 3/8	24005	VB-274
VB-214	23978	Pin, Reel Rod Pawl #243A - A43	24006	VB-275	VB-275	Pin, Dowel 1/4 x 3/8	24006	VB-275
VB-215	23979	Pin, Reel Rod Pawl #243A - A43	24007	VB-276	VB-276	Pin, Dowel 1/4 x 3/8	24007	VB-276
VB-216	23980	Pin, Reel Rod Pawl #243A - A43	24008	VB-277	VB-277	Pin, Dowel 1/4 x 3/8	24008	VB-277
VB-217	23981	Pin, Reel Rod Pawl #243A - A43	24009	VB-278	VB-278	Pin, Dowel 1/4 x 3/8	24009	VB-278
VB-218	23982	Pin, Reel Rod Pawl #243A - A43	24010	VB-279	VB-279	Pin, Dowel 1/4 x 3/8	24010	VB-279
VB-219	23983	Pin, Reel Rod Pawl #243A - A43	24011	VB-280	VB-280	Pin, Dowel 1/4 x 3/8	24011	VB-280
VB-220	23984	Pin, Reel Rod Pawl #243A - A43	24012	VB-281	VB-281	Pin, Dowel 1/4 x 3/8	24012	VB-281
VB-221	23985	Pin, Reel Rod Pawl #243A - A43	24013	VB-282	VB-282	Pin, Dowel 1/4 x 3/8	24013	VB-282
VB-222	23986	Pin, Reel Rod Pawl #243A - A43	24014	VB-283	VB-283	Pin, Dowel 1/4 x 3/8	24014	VB-283
VB-223	23987	Pin, Reel Rod Pawl #243A - A43	24015	VB-284	VB-284	Pin, Dowel 1/4 x 3/8	24015	VB-284
VB-224	23988	Pin, Reel Rod Pawl #243A - A43	24016	VB-285	VB-285	Pin, Dowel 1/4 x 3/8	24016	VB-285
VB-225	23989	Pin, Reel Rod Pawl #243A - A43	24017	VB-286	VB-286	Pin, Dowel 1/4 x 3/8	24017	VB-286
VB-226	23990	Pin, Reel Rod Pawl #243A - A43	24018	VB-287	VB-287	Pin, Dowel 1/4 x 3/8	24018	VB-287
VB-227	23991	Pin, Reel Rod Pawl #243A - A43	24019	VB-288	VB-288	Pin, Dowel 1/4 x 3/8	24019	VB-288
VB-228	23992	Pin, Reel Rod Pawl #243A - A43	24020	VB-289	VB-289	Pin, Dowel 1/4 x 3/8	24020	VB-289
VB-229	23993	Pin, Reel Rod Pawl #243A - A43	24021	VB-290	VB-290	Pin, Dowel 1/4 x 3/8	24021	VB-290
VB-230	23994	Pin, Reel Rod Pawl #243A - A43	24022	VB-291	VB-291	Pin, Dowel 1/4 x 3/8	24022	VB-291
VB-231	23995	Pin, Reel Rod Pawl #243A - A43	24023	VB-292	VB-292	Pin, Dowel 1/4 x 3/8	24023	VB-292
VB-232	23996	Pin, Reel Rod Pawl #243A - A43	24024	VB-293	VB-293	Pin, Dowel 1/4 x 3/8	24024	VB-293
VB-233	23997	Pin, Reel Rod Pawl #243A - A43	24025	VB-294	VB-294	Pin, Dowel 1/4 x 3/8	24025	VB-294
VB-234	23998	Pin, Reel Rod Pawl #243A - A43	24026	VB-295	VB-295	Pin, Dowel 1/4 x 3/8	24026	VB-295
VB-235	23999	Pin, Reel Rod Pawl #243A - A43	24027	VB-296	VB-296	Pin, Dowel 1/4 x 3/8	24027	VB-296
VB-236	24000	Pin, Reel Rod Pawl #243A - A43	24028	VB-297	VB-297	Pin, Dowel 1/4 x 3/8	24028	VB-297
VB-237	24001	Pin, Reel Rod Pawl #243A - A43	24029	VB-298	VB-298	Pin, Dowel 1/4 x 3/8	24029	VB-298
VB-238	24002	Pin, Reel Rod Pawl #243A - A43	24030	VB-299	VB-299	Pin, Dowel 1/4 x 3/8	24030	VB-299
VB-239	24003	Pin, Reel Rod Pawl #243A - A43	24031	VB-300	VB-300	Pin, Dowel 1/4 x 3/8	24031	VB-300
VB-240	24004	Pin, Reel Rod Pawl #243A - A43	24032	VB-301	VB-301	Pin, Dowel 1/4 x 3/8	24032	VB-301
VB-241	24005	Pin, Reel Rod Pawl #243A - A43	24033	VB-302	VB-302	Pin, Dowel 1/4 x 3/8	24033	VB-302
VB-242	24006	Pin, Reel Rod Pawl #243A - A43	24034	VB-303	VB-303	Pin, Dowel 1/4 x 3/8	24034	VB-303
VB-243	24007	Pin, Reel Rod Pawl #243A - A43	24035	VB-304	VB-304	Pin, Dowel 1/4 x 3/8	24035	VB-304
VB-244	24008	Pin, Reel Rod Pawl #243A - A43	24036	VB-305	VB-305	Pin, Dowel 1/4 x 3/8	24036	VB-305
VB-245	24009	Pin, Reel Rod Pawl #243A - A43	24037	VB-306	VB-306	Pin, Dowel 1/4 x 3/8	24037	VB-306
VB-246	24010	Pin, Reel Rod Pawl #243A - A43	24038	VB-307	VB-307	Pin, Dowel 1/4 x 3/8	24038	VB-307
VB-247	24011	Pin, Reel Rod Pawl #243A - A43	24039	VB-308	VB-308	Pin, Dowel 1/4 x 3/8	24039	VB-308
VB-248	24012	Pin, Reel Rod Pawl #243A - A43	24040	VB-309	VB-309	Pin, Dowel 1/4 x 3/8	24040	VB-309
VB-249	24013	Pin, Reel Rod Pawl #243A - A43	24041	VB-310	VB-310	Pin, Dowel 1/4 x 3/8	24041	VB-310
VB-250	24014	Pin, Reel Rod Pawl #243A - A43	24042	VB-311	VB-311	Pin, Dowel 1/4 x 3/8	24042	VB-311
VB-251	24015	Pin, Reel Rod Pawl #243A - A43	24043	VB-312	VB-312	Pin, Dowel 1/4 x 3/8	24043	VB-312
VB-252	24016	Pin, Reel Rod Pawl #243A - A43	24044	VB-313	VB-313	Pin, Dowel 1/4 x 3/8	24044	VB-313
VB-253	24017	Pin, Reel Rod Pawl #243A - A43	24045	VB-314	VB-314	Pin, Dowel 1/4 x 3/8	24045	VB-314
VB-254	24018	Pin, Reel Rod Pawl #243A - A43	24046	VB-315	VB-315	Pin, Dowel 1/4 x 3/8	24046	VB-315
VB-255	24019	Pin, Reel Rod Pawl #243A - A43	24047	VB-316	VB-316	Pin, Dowel 1/4 x 3/8	24047	VB-316
VB-256	24020	Pin, Reel Rod Pawl #243A - A43	24048	VB-317	VB-317	Pin, Dowel 1/4 x 3/8	24048	VB-317
VB-257	24021	Pin, Reel Rod Pawl #243A - A43	24049	VB-318	VB-318	Pin, Dowel 1/4 x 3/8	24049	VB-318
VB-258	24022	Pin, Reel Rod Pawl #243A - A43	24050	VB-319	VB-319	Pin, Dowel 1/4 x 3/8	24050	VB-319
VB-259	24023	Pin, Reel Rod Pawl #243A - A43	24051	VB-320	VB-320	Pin, Dowel 1/4 x 3/8	24051	VB-320
VB-260	24024	Pin, Reel Rod Pawl #243A - A43	24052	VB-321	VB-321	Pin, Dowel 1/4 x 3/8	24052	VB-321
VB-261	24025	Pin, Reel Rod Pawl #243A - A43	24053	VB-322	VB-322	Pin, Dowel 1/4 x 3/8	24053	VB-322
VB-262	24026	Pin, Reel Rod Pawl #243A - A43	24054	VB-323	VB-323	Pin, Dowel 1/4 x 3/8	24054	VB-323
VB-263	24027	Pin, Reel Rod Pawl #243A - A43	24055	VB-324	VB-324	Pin, Dowel 1/4 x 3/8	24055	VB-324
VB-264	24028	Pin, Reel Rod Pawl #243A - A43	24056	VB-325	VB-325	Pin, Dowel 1/4 x 3/8	24056	VB-325
VB-265	24029	Pin, Reel Rod Pawl #243A - A43	24057	VB-326	VB-326	Pin, Dowel 1/4 x 3/8	24057	VB-326
VB-266	24030	Pin, Reel Rod Pawl #243A - A43	24058	VB-327	VB-327	Pin, Dowel 1/4 x 3/8	24058	VB-327
VB-267	24031	Pin, Reel Rod Pawl #243A - A43	24059	VB-328	VB-328	Pin, Dowel 1/4 x 3/8	24059	VB-328
VB-268	24032	Pin, Reel Rod Pawl #243A - A43	24060	VB-329	VB-329	Pin, Dowel 1/4 x 3/8	24060	VB-329
VB-269	24033	Pin, Reel Rod Pawl #243A - A43	24061	VB-330	VB-330	Pin, Dowel 1/4 x 3/8	24061	VB-330
VB-270	24034	Pin, Reel Rod Pawl #243A - A43	24062	VB-331	VB-331	Pin, Dowel 1/4 x 3/8	24062	VB-331
VB-271	24035	Pin, Reel Rod Pawl #243A - A43	24063	VB-332	VB-332	Pin, Dowel 1/4 x 3/8	24063	VB-332
VB-272	24036	Pin, Reel Rod Pawl #243A - A43	24064	VB-333	VB-333	Pin, Dowel 1/4 x 3/8	24064	VB-333
VB-273	24037	Pin, Reel Rod Pawl #243A - A43	24065	VB-334	VB-334	Pin, Dowel 1/4 x 3/8	24065	VB-334
VB-274	24038	Pin, Reel Rod Pawl #243A - A43	24066	VB-335	VB-335	Pin, Dowel		

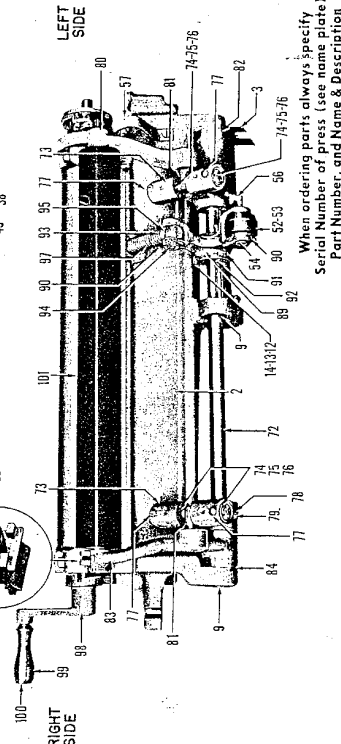
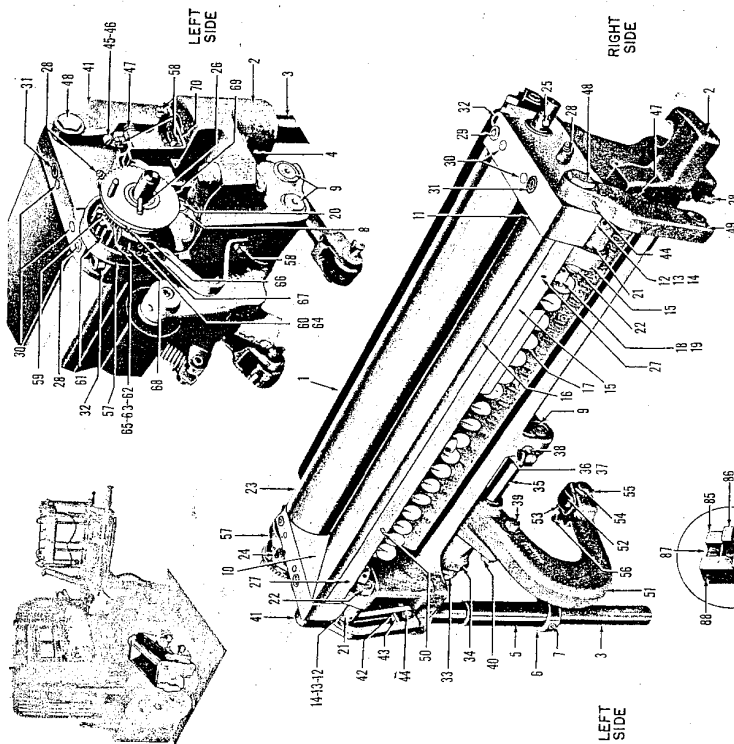


FIGURE VC

When ordering parts always specify  
Serial Number of press (see name plate),  
Part Number, and Name & Description

# PARTS LIST FOR INK FOUNTAIN

(See Figure VC)

Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description
VC-1	A-21021	Fountain, Ink - Complete	VC-47	21557	Spring, Fountain Latch
VC-2	21021	Frame, Fountain	VC-48	29467	Stud, Fountain Latch
VC-3	22637	Post, Fountain	VC-49	21508	Latch, Fountain - Rt
VC-4	TP-51	Pin, Taper #5	VC-50	21555	Stop, Fountain Latch
VC-5	22460	Screw, Hex Soc 1-1/8 x 5/8	VC-51	21556	Washer, Lock Stud Stop
VC-6	CR-145	Pin, Taper #5	VC-52	*H-42960	Screw, Hex Hd Cap 1/4-20 x 3/8
VC-7	*H-54173	Set Sleeve, x 5/16	VC-53	*H-48070	Washer, Lock 1/4-20 x 3/8
VC-8	A-21021	Fountain, Ink - Complete	VC-54	*H-36644	Washer, Lock 1/4 x 3/32 x 3/64
VC-9	21021	Frame, Fountain	VC-55	21357	Spring, Fountain Latch
VC-10	22637	Post, Fountain	VC-56	*H-4054	Screw, Hex Soc 1/4-20 x 3/8
VC-11	TP-51	Pin, Taper #5	VC-57	21843	Lever, Fountain Com Roller
VC-12	22460	Screw, Hex Soc 1-1/8 x 5/8	VC-58	*OS-700-2	Roller, Com Roller
VC-13	CR-145	Pin, Taper #5	VC-59	21841	Bearing, Oilite
VC-14	*H-54173	Set Sleeve, x 5/16	VC-60	*H-34618	Pin, Com Roller
VC-15	A-21021	Fountain, Ink - Complete	VC-61	*G-1204	Cup, Oil, Gits Bros. Style L
VC-16	21021	Frame, Fountain	VC-62	21554	Guard, Fountain Segment
VC-17	22637	Post, Fountain	VC-63	*H-48065	Screw, Fill Hd Mach 10-24 x 3/8
VC-18	TP-51	Pin, Taper #5	VC-64	22664	Roller, Spring Ratchet
VC-19	22460	Screw, Hex Soc 1-1/8 x 5/8	VC-65	22665	Gear, Fountain Ratchet
VC-20	CR-145	Pin, Taper #5	VC-66	22669	Spring, Fountain Pawl
VC-21	*H-54173	Set Sleeve, x 5/16	VC-67	23582	Leaf, Pawl Spring
VC-22	A-21021	Fountain, Ink - Complete	VC-68	*H-47875	Screw, Fill Hd Mach 10-24 x 3/8
VC-23	21021	Frame, Fountain	VC-69	*H-50407	Screw, Rd Hd Mach 10-24 x 3/8
VC-24	22637	Post, Fountain	VC-70	22667	Pawl, Fountain
VC-25	TP-51	Pin, Taper #5	VC-71	23540	Pin, Dowel 1/8 x 7/8
VC-26	22460	Screw, Hex Soc 1-1/8 x 5/8	VC-72	22795	Wheel, Fountain Set Wheel
VC-27	CR-145	Pin, Taper #5	VC-73	22795	Assembly, Fountain Shift
VC-28	*H-54173	Set Sleeve, x 5/16	VC-74	22795	Shaft, Ducter
VC-29	A-21021	Fountain, Ink - Complete	VC-75	22795	Lever, Ducter Arm Spring
VC-30	21021	Frame, Fountain	VC-76	*H-50645	Spring, Ducter Arm
VC-31	22637	Post, Fountain	VC-77	*H-50645	Not, Spring Adjusting 10-24 x 1/4
VC-32	TP-51	Pin, Taper #5	VC-78	*H-54180	Screw, Hex Soc Set 3/8-16 x 3/8
VC-33	22460	Screw, Hex Soc 1-1/8 x 5/8	VC-79	TP-64	Pin, Taper #4 x 1/4
VC-34	CR-145	Pin, Taper #5	VC-80	22795	Arm, Ducter Roller - Lt
VC-35	*H-54173	Set Sleeve, x 5/16	VC-81	*OA-538-5	Bearing, Oilite - 7/51
VC-36	A-21021	Fountain, Ink - Complete	VC-82	21174	Arm, Ducter Roller - Lt
VC-37	21021	Frame, Fountain	VC-83	22795	Stud, Ducter Arm
VC-38	22637	Post, Fountain	VC-84	*OA-538-6	Bearing, Oilite 7/51 x .878 x 7/8
VC-39	TP-51	Pin, Taper #5	VC-85	22589	Key, Roller Key
VC-40	22460	Screw, Hex Soc 1-1/8 x 5/8	VC-86	22303	Plate, Roller Key
VC-41	CR-145	Pin, Taper #5	VC-87	22590	Spring, Key Plate
VC-42	*H-54173	Set Sleeve, x 5/16	VC-88	22432	Pin, Key Spring
VC-43	A-21021	Fountain, Ink - Complete	VC-89	21839	Lever, Ducter Com Roller
VC-44	21021	Frame, Fountain	VC-90	21840	Roller, Com Roller
VC-45	22637	Post, Fountain	VC-91	*H-34614	Bearing, Oilite 5/16-18 x 3/8
VC-46	TP-51	Pin, Taper #5	VC-92	*H-54061	Pin, Com Roller
VC-47	22460	Screw, Hex Soc 1-1/8 x 5/8	VC-93	23608	Pin, Cotter 1/8 x 1
VC-48	CR-145	Pin, Taper #5	VC-94	21842	Screw, Hex Soc Set 5/16-18 x 3/8
VC-49	*H-54173	Set Sleeve, x 5/16	VC-95	*OS-500	Key, Roller Lever
VC-50	A-21021	Fountain, Ink - Complete	VC-96	22537	Roller, Spring Rod
VC-51	21021	Frame, Fountain	VC-97	22538	Bearing, Oilite .3675 x .5025 x 5/8
VC-52	22637	Post, Fountain	VC-98	22539	Spring, Com Roller - Inside
VC-53	TP-51	Pin, Taper #5	VC-99	22340	Crank, Fountain
VC-54	22460	Screw, Hex Soc 1-1/8 x 5/8	VC-100	22341	Pin, Cotter 1/8 x 1
VC-55	CR-145	Pin, Taper #5	VC-101	22586	Stud, Servel Handle
VC-56	*H-54173	Set Sleeve, x 5/16			Roller, Composition Covered

Always be sure to give serial number of press when ordering parts.



# PARTS LIST FOR FORM and INK ROLLERS, and INK TABLE

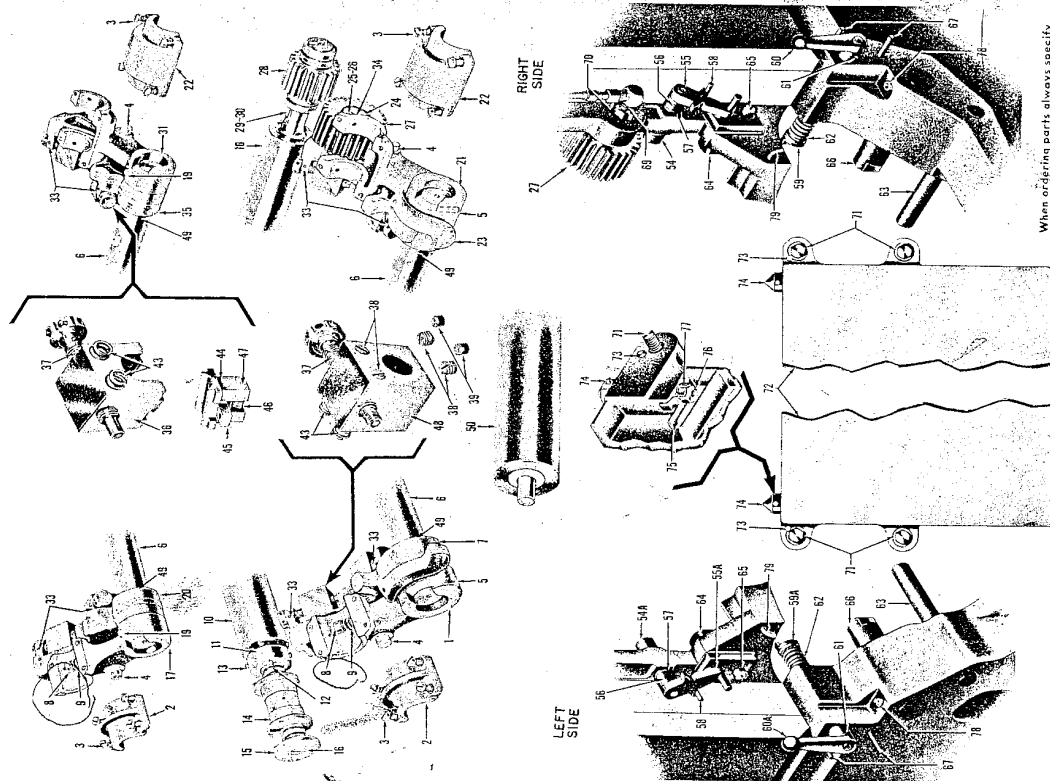
(See Figure VD)

Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description
VD-1	22595	Bearing, Ink Table Vib	VD-40		Part Not Listed
VD-2	22597	Roller, Lt	VD-41		Part Not Listed
VD-3	*H-47895	Cap, Roller Bearing	VD-42	22785	Spring, Roller Box
VD-4	22600	10-24 x 5/8	VD-43	22809	Key, Roller Key
VD-5	TP-76	Stud, Roller Lock	VD-44	22303	Plate, Key Plate
VD-6	TP-77	Pin, Taper #3 x 1-7/8	VD-45	22590	Spring, Key Spring
VD-7	22112	Bracket, Roller Box - Lt	VD-46	22332	Box, Roller - Lt
VD-8	22599	Bracket, Roller Box - Rt	VD-47	21978	Screw, Roller Adjusting
VD-9	22598	Buton, Bearing Friction	VD-48	*H-51694	Screw, Headless Set 1/4-20 x 3/16
VD-10	22577	Spring, Bearing Friction	VD-49	20392	Plug, Adjusting Screw
VD-11	22376	Roller, Vibrator	VD-50		Part Not Listed
VD-12	DP-26	Pin, Dowel 1/8 x 1 1/2	VD-51		Part Not Listed
VD-13	TP-79	Pin, Taper #3 x 1-1/2	VD-52	K-11	Key, Headout 7/8 x 3/16
VD-14	22579	Nut, Vibrator Roller	VD-53	22586	Part Not Listed
VD-15	22380	Washer, Vibrator Roller	VD-54		Part Not Listed
VD-16	*H-47895	Screw, Flat Hd Mach	VD-55		Part Not Listed
VD-17	23462	Bracket, Form Vib Roller - Lt	VD-56	22602	Stud, Roller Lock Lever - Rt Upper
VD-18		Part Not Listed	VD-57	22603	Lever, Roller Lock - Rt Upper
VD-19	22597	Cap, Roller Bearing - Lt	VD-58	22604	Washer, Taper #3 x 3/8 - Rt Upper
VD-20	*H-47895	Screw, Fill Hd Mach	VD-59	22605	Washer, Taper #3 x 3/8 - Rt Upper
VD-21	22600	Stud, Roller Lock	VD-60	22606	Stud, Roller Lock Lever - Lt
VD-22	22594	Pin, Taper #3 x 1-3/4	VD-61	22607	Lever, Roller Lock - Lt Upper
VD-23	22111	Bracket, Roller Box - Lt	VD-62	22608	Stud, Roller Lock Lever - Rt Lower
VD-24	21901	Upper	VD-63	22609	Pin, Taper #3 x 3/4
VD-25	22585	Bearing, Ink Table Vib	VD-64	*H-48090	Spring, Roller Support - Upper
VD-26	DP-3	Cap, Roller Bearing - Rt	VD-65	22607	Screw, Fill Hd Mach
VD-27	22582	Washer, Gear Stud	VD-66	22607	Stud, Roller Support - Lower
VD-28	22583	Gear, Intermediate Vibrator	VD-67	22608	Pin, Taper #3 x 1-1/4
VD-29	22584	Gear, Vibrator Roller	VD-68	22609	Part Not Listed
VD-30	DP-15	Pin, Dowel 3/32 x 1/2	VD-69	21714	Stud, Inter Vib Ger - Upper
VD-31	22461	Bearing, Form Vib Roller - Rt	VD-70	*H-35078	Nut, Hex 1/2-13 Light
VD-32	22596	Cap, Roller Bearing - Rt	VD-71	*H-43245	Screw, Hex Hd Cap 3/8-16 x 1
VD-33	22600	Screw, Fill Hd Mach	VD-72	21714	Stud, Inter Vib Ger - Upper
VD-34	*H-47895	10-24 x 5/8	VD-73	*H-35078	Nut, Hex 1/2-13 Light
VD-35	22600	Pin, Roller Box	VD-74	*H-43245	Screw, Hex Hd Cap 3/8-16 x 1
VD-36	22189	Bracket, Roller Box - Rt Upper	VD-75	21714	Table, Ink
VD-37	21977	Box, Roller Adjusting	VD-76	22005	Pin, Dowel 1/4 x 7/8
VD-38	22597	Screw, Headless Set	VD-77	22595	Pin, Dowel 1/4 x 7/8
VD-39	20392	Plug, Adjusting Screw	VD-78	23394	Locknut, Close Screw
			VD-79	*H-35078	Washer, Lock
				*H-51694	Screw, Hex Set 3/8-16 x 3/4
				23959	Pipe, Cylinder Frame Oil

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Primary parts of an assembly will always include those parts which are indented under them in the classified lists.  
All parts listed in italic type will be sold only with the parts to which they are attached. They will not be sold separately.

Always be sure to give serial number of press when ordering parts.

[Page 15]



When ordering parts always specify Serial Number of press (see name plate), Part Number, and Name & Description

FIGURE VD

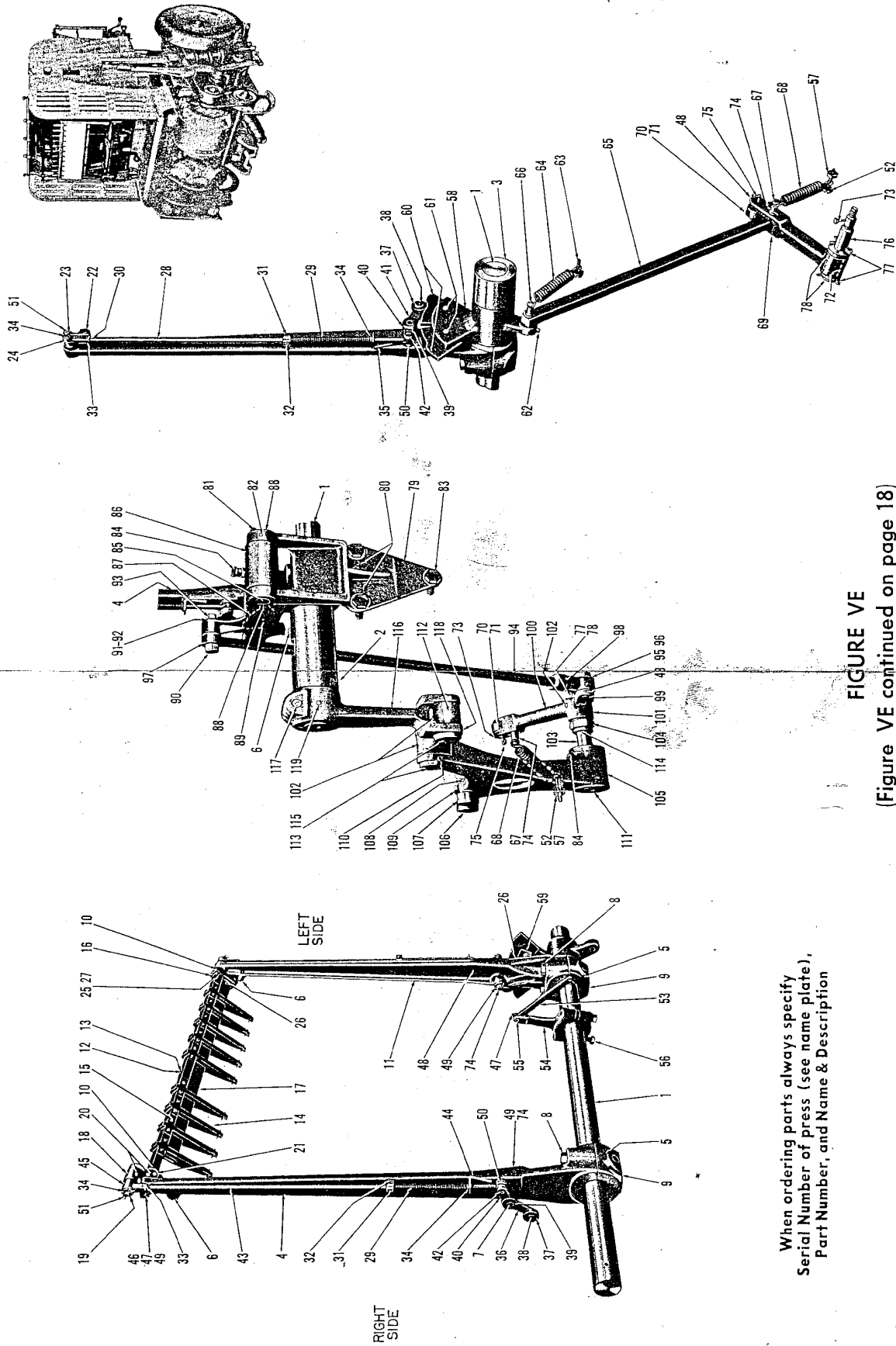


FIGURE VE  
(Figure VE continued on page 18)

When ordering parts always specify  
Serial Number of press (see name plate),  
Part Number, and Name & Description

# PARTS LIST FOR DELIVERY

(See Figure VE)

Figure and Index No.	Part Number	Name and Description
VE-1	21164	Shaft, Delivery Arm
VE-2	21164	Bushing, Delivery Shaft - Rt
VE-3	21702	Bushing, Delivery Shaft - Lt
VE-4	22371	Arm, Delivery Arm
VE-5	22371	Cap, Delivery Arm
VE-6	22371	Stud, Stop
VE-7	22371	Bushing, Gripper Crank Stud
VE-8	H-43550	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-9	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-10	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-11	22371	Arm, Delivery Arm
VE-12	22371	Cap, Delivery Arm
VE-13	22371	Stud, Stop
VE-14	22371	Bushing, Gripper Crank Stud
VE-15	H-43550	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-16	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-17	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-18	22371	Arm, Delivery Arm
VE-19	22371	Cap, Delivery Arm
VE-20	22371	Stud, Stop
VE-21	22371	Bushing, Gripper Crank Stud
VE-22	H-43550	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-23	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-24	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-25	22371	Arm, Delivery Arm
VE-26	22371	Cap, Delivery Arm
VE-27	22371	Stud, Stop
VE-28	22371	Bushing, Gripper Crank Stud
VE-29	H-43550	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-30	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-31	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-32	22371	Arm, Delivery Arm
VE-33	22371	Cap, Delivery Arm
VE-34	22371	Stud, Stop
VE-35	22371	Bushing, Gripper Crank Stud
VE-36	H-43550	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-37	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-38	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-39	22371	Arm, Delivery Arm
VE-40	22371	Cap, Delivery Arm
VE-41	22371	Stud, Stop

Figure and Index No.	Part Number	Name and Description
VE-37	22724	Roller, Cam Conn Rod
VE-38	22725	Stud, Cam Conn Rod Roller
VE-39	22725	Stud, Gripper Crank
VE-40	TP-92	Pin, Taper #1 x 15/16
VE-41	22725	Pin, Cam Conn Rod - Upper
VE-42	22725	Pin, Cam Conn Rod - Lower
VE-43	22725	Roller, Raising Cam Bracket
VE-44	22725	Roller, Raising Cam Bracket
VE-45	22725	Roller, Raising Cam Bracket
VE-46	22725	Roller, Raising Cam Bracket
VE-47	22725	Roller, Raising Cam Bracket
VE-48	22725	Roller, Raising Cam Bracket
VE-49	22725	Roller, Raising Cam Bracket
VE-50	22725	Roller, Raising Cam Bracket
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VE-62	22725	Roller, Raising Cam Bracket
VE-63	22725	Roller, Raising Cam Bracket
VE-64	22725	Roller, Raising Cam Bracket
VE-65	22725	Roller, Raising Cam Bracket
VE-66	22725	Roller, Raising Cam Bracket
VE-67	22725	Roller, Raising Cam Bracket
VE-68	22725	Roller, Raising Cam Bracket
VE-69	22725	Roller, Raising Cam Bracket
VE-70	22725	Roller, Raising Cam Bracket
VE-71	22725	Roller, Raising Cam Bracket
VE-72	22725	Roller, Raising Cam Bracket
VE-73	22725	Roller, Raising Cam Bracket
VE-74	22725	Roller, Raising Cam Bracket
VE-75	22725	Roller, Raising Cam Bracket

Figure and Index No.	Part Number	Name and Description
VE-77	H-24618	Pin, Center 1/8 x 1-1/4
VE-78	WR-33	Washer, Finished 49/64 x 1-3/8 x 3/16
VE-79	21142	Bushing, Raising Cam Bracket
VE-80	DP-91	Screw, Hex Hd 10-32 x 5/8
VE-81	H-51348	Screw, Hex Hd 10-32 x 5/8
VE-82	H-54061	Screw, Hex Hd 10-32 x 5/8
VE-83	H-43495	Screw, Hex Hd 10-32 x 5/8
VE-84	G-1110	Cover, Oil Hole, Gits Bros Style B
VE-85	21569	Stud, Raising Cam Bracket
VE-86	21134	Bracket, Raising Cam
VE-87	H-15009-7	Cam, Raising - Upper
VE-88	H-43240	Stud, Raising Cam - Upper
VE-89	21567	Washer, Finished 25/64 x 3/4 x 3/32
VE-90	WR-33	Washer, Lock 3/8 x 1/8 x 1/16
VE-91	H-36556	Nut, Hex Jam 3/8-24
VE-92	H-35546	Roller, Raising Cam Conn - Rt, Lower
VE-93	21607	Socket, Connecting Rod
VE-94	H-51348	Screw, Hex Hd 10-32 x 5/8
VE-95	OA-747-1	Bearing, Oilite .752 x .942 x 1-1/4
VE-96	OA-747-2	Pin, Taper #1 x 1/2
VE-97	TP-46	Stud, Cam Conn Rod - Lower
VE-98	21591	Lever, Gripper Cam - Rt
VE-99	21171	Roller, Gripper Cam
VE-100	22684	Pin, Cam Roller
VE-101	H-47875	Stud, Cam Conn Rod - Upper
VE-102	H-75135	Pin, Slotted Pipe 1/8 x 1/4
VE-103	21818	Nut, Hex Jam 1-14
VE-104	H-35595	Stud, Drive Cam Roller
VE-105	21143	Roller, Feeder Cam
VE-106	23860	Nut, Hex Jam 1/2-20
VE-107	H-43245	Screw, Hex Hd 10-32 x 5/8
VE-108	H-43494	Screw, Hex Hd 10-32 x 5/8
VE-109	OA-15128	Bearing, Oilite 1.252 x 1.502 x 1-1/4
VE-110	21506	Roller, Delivery Connecting
VE-111	05-901-3	Bearing, Oilite .752 x .942 x 1-1/4
VE-112	21506	Pin, Delivery Cam Rod
VE-113	H-75135	Pin, Slotted Pipe 1/8 x 1/4
VE-114	21641	Specier, Cam Lever - Rt
VE-115	21525	Pin, Delivery Cam Rod
VE-116	H-43845	Screw, Hex Hd 10-32 x 5/8
VE-117	H-51944	Screw, Slotted 2-20-16 x 1/2
VE-118	TP-51	Pin, Taper .45 x 2-1/2

Always be sure to give serial number of press when ordering parts.

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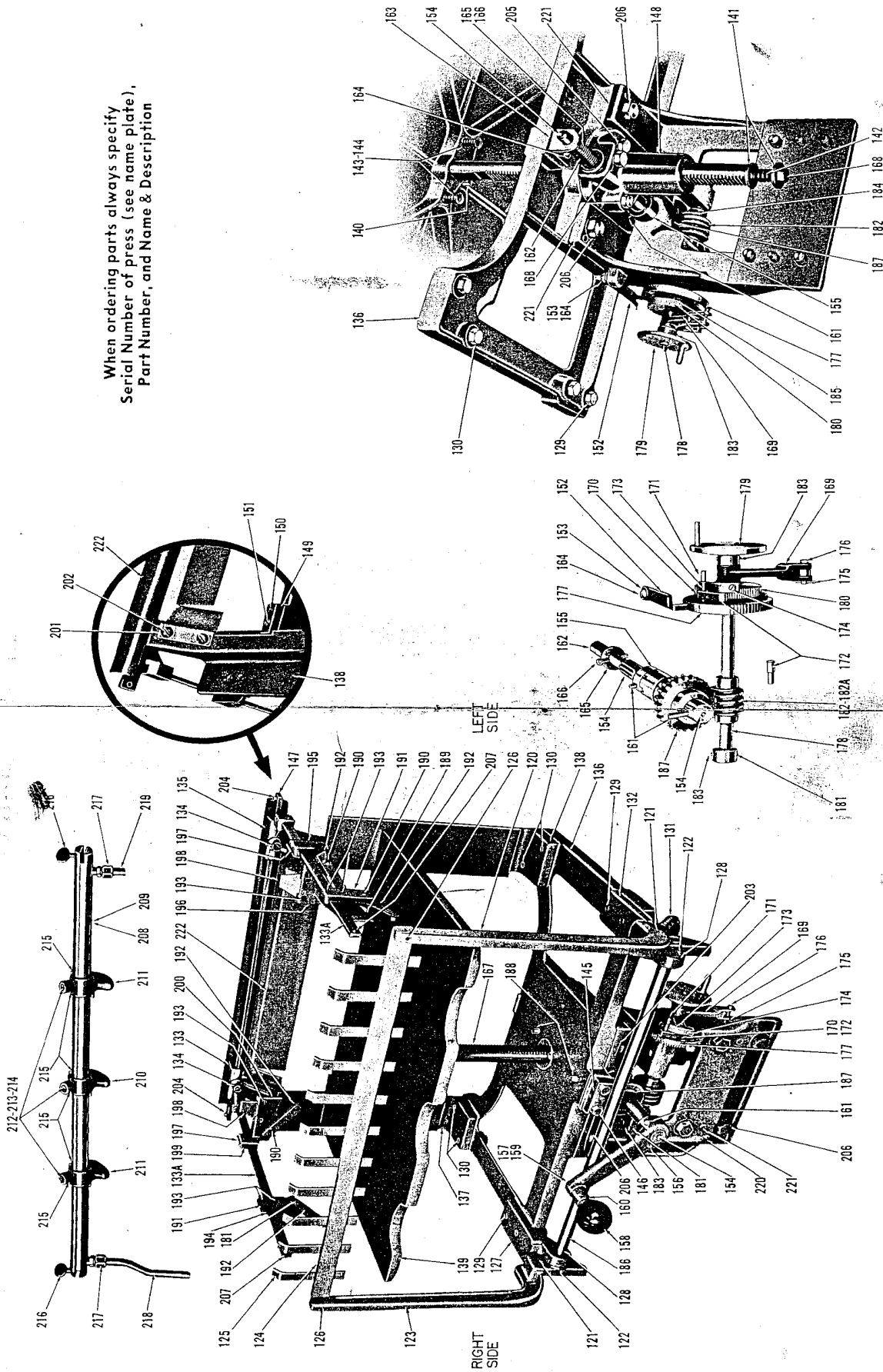


FIGURE VE-Continued

When ordering parts always specify  
Serial Number of press (see name plate),  
Part Number, and Name & Description

# PARTS LIST FOR DELIVERY, Continued (See Figure VE)

Figure and Index No.	Part Number	Name and Description			Figure and Index No.	Part Number	Name and Description		
		1	2	3			1	2	3
VE-120	21153	Arm, Sheet Stop Finger Bar - Lt			VE-194	23889	Wing, Jagger Side - Rt		
VE-121	H-50071	Screw, Rd Hd Mach 10-24 x 5/8 Spl 3/8 Thd			VE-190	22499	Stud, Jagger Side Jagger Wing		
VE-122	21154	Pin, Stop Finger Bar - Rt			VE-191	22614	Bracket, Side Jagger Wing		
VE-123	H-50071	Arm, Sheet Stop Finger Bar - Lt			VE-192	23895	Extension, Jagger Wing		
VE-124	21390	Screw, Rd Hd Mach 10-24 x 5/8 Spl 3/8 Thd			VE-193	H-49200	Screw, Flat Hd Mach 6-32 x 3/8		
VE-125	22624	Bar, Sheet Stop Finger			VE-194	21138	Bracket, Side Jagger Wing		
VE-126	H-49403	Finger, Sheet Stop			VE-195	21138	Wing, Rear Jagger - Lt		
VE-127	H-49403	Screw, Flat Hd Mach 10-24 x 1/2			VE-196	22499	Stud, Jagger Wing Ext		
VE-128	H-49403	Bracket, Finger Bar Arm - Rt			VE-197	23894	Plate, Rear Bracket		
VE-129	H-43265	Screw, Hex Hd Cap 3/8-16 x 1-1/2			VE-198	23895	Extension, Jagger Wing		
VE-130	21728	Screw, Hex Hd Cap 3/8-16 x 1-1/2			VE-199	H-49200	Screw, Flat Hd Mach 6-32 x 3/8		
VE-131	H-43270	Spring, Finger Bar Arm			VE-200	23895	Bracket, Rear Jagger Wing		
VE-132	21728	Bracket, Finger Bar Arm - Lt			VE-201	21337	Wing, Rear Jagger - Rt		
VE-133	H-50071	Screw, Rd Hd Mach 10-24 x 5/8 Spl 3/8 Thd			VE-202	22499	Stud, Jagger Wing Ext		
VE-134	21802	Bar, Side Jagger			VE-203	23894	Plate, Rear Bracket		
VE-135	21804	Screw, Jagger Bracket			VE-204	23895	Extension, Jagger Wing		
VE-136	21804	Bracket, Side Jagger - Lt			VE-205	H-49200	Screw, Flat Hd Mach 10-24 x 1/4		
VE-137	21804	Bar, Side Jagger			VE-206	H-49200	Screw, Hex Hd Cap 3/8-16 x 1-1/4		
VE-138	22017	Plate, Side Jagger Bracket			VE-207	H-49200	Screw, Hex Hd Cap 3/8-16 x 1-1/4		
VE-139	22093	Guide, Delivery Table - Lt			VE-208	A21639	Assembly, Blow Tube		
VE-140	22096	Table, Delivery			VE-209	21639	Tube, Delivery Blow		
VE-141	H-50071	Screw, Rd Hd Mach 10-24 x 5/8 Spl 3/8 Thd			VE-210	20335	Nozzle, Del Blow - Cir		
VE-142	22233	Spring, Delivery Table			VE-211	21637	Nozzle, Del Blow - End		
VE-143	22233	Screw, Rd Hd Mach 10-24 x 5/8 Spl 3/8 Thd			VE-212	21638	Button, Blow Nozzle		
VE-144	H-47885	Screw, Fill Hd Mach 10-24 x 1/2			VE-213	21638	Pin, Blow Nozzle		
VE-145	H-47885	Bearing, Worm Gear			VE-214	21639	Pin, Blow Nozzle Spring		
VE-146	H-431100	Screw, Hex Hd Cap 5/16-18 x 1			VE-215	H-47790	Screw, Thumb 5/16-24NF x 3/4-2470-A102		
VE-147	22233	Gear, Jagger Support			VE-216	H-46976-P	Tube, Delivery Nozzle - Rt		
VE-148	22233	Gib, Delivery Table			VE-217	H-46976-P	Tube, Delivery Nozzle - Lt		
VE-149	22639	Gib, Delivery Table			VE-218	23081	Bracket, Delivery Platform		
VE-150	DP-28	Pin, Dowel 1/8 x 5/8			VE-219	23081	Bracket, Delivery Platform		
VE-151	H-47895	Screw, Fill Hd Mach 10-24 x 5/8			VE-220	DP-114	Pin, Dowel 3/8 x 1		
VE-152	22671	Spring, Del Set Wheel			VE-221	21751	Guard, Delivery Sheet		
VE-153	22671	Shaft, Finished 17/64 x 5/8 x 1/16							
VE-154	22675	Shaft, Norm Gear							

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# DRIVE

When ordering parts always specify  
Serial Number of press (see name plate),  
Part Number, and Name & Description

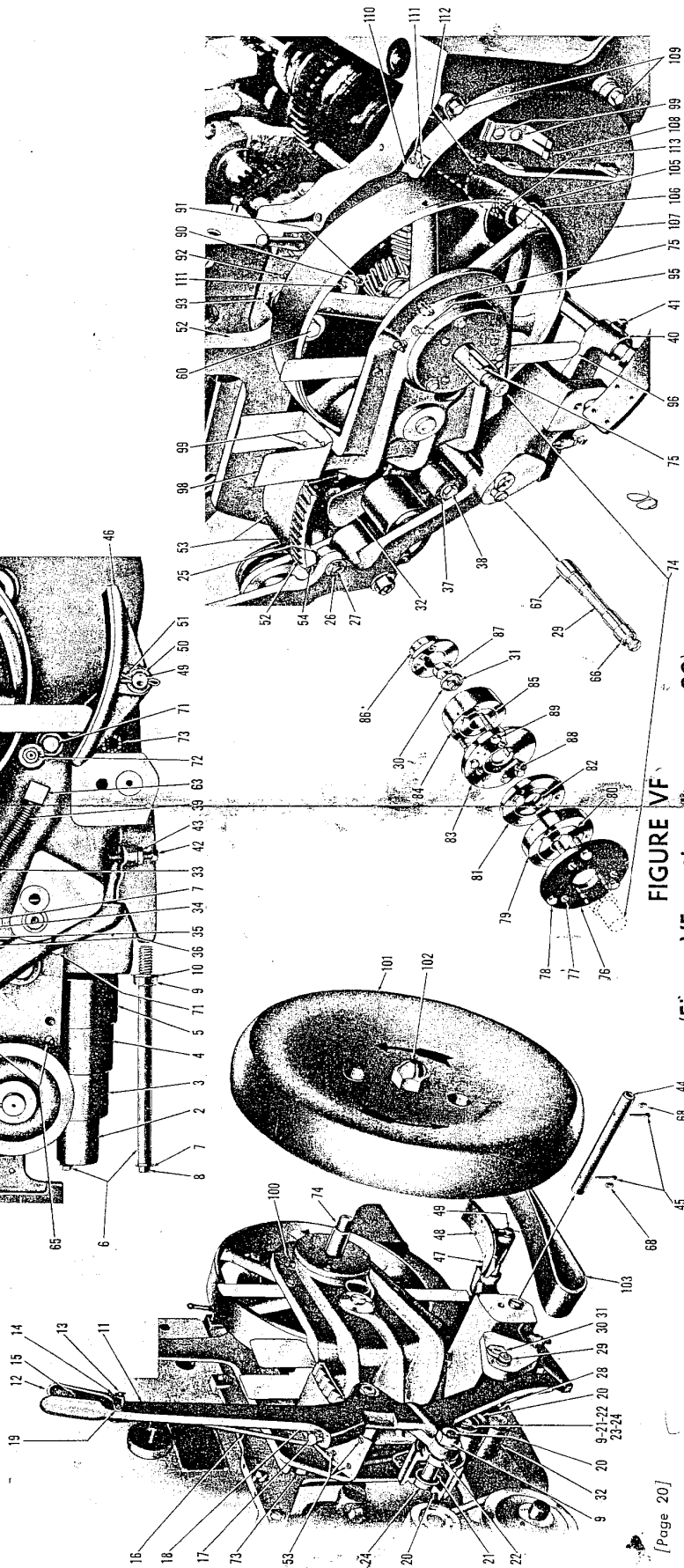
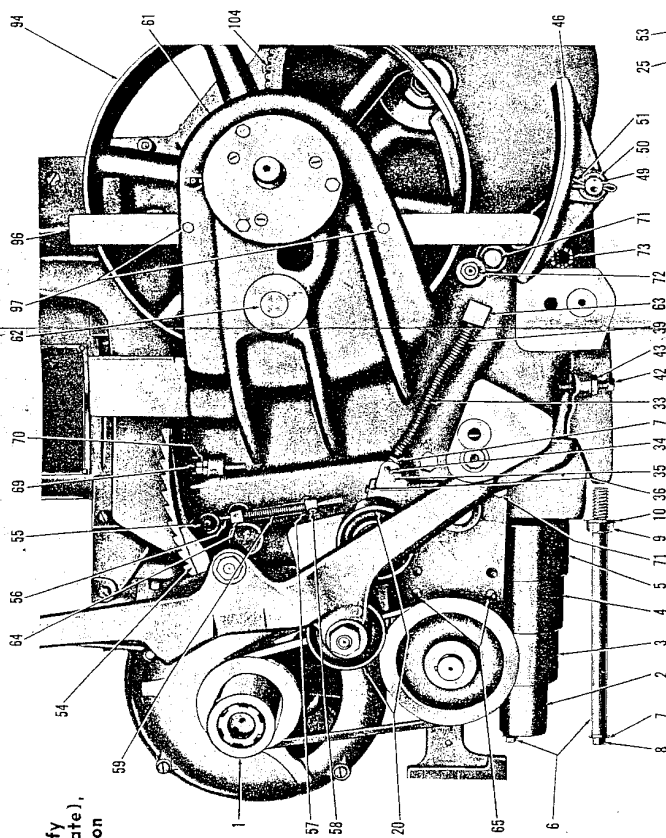


FIGURE VF  
(Figure VF continued on page 22)

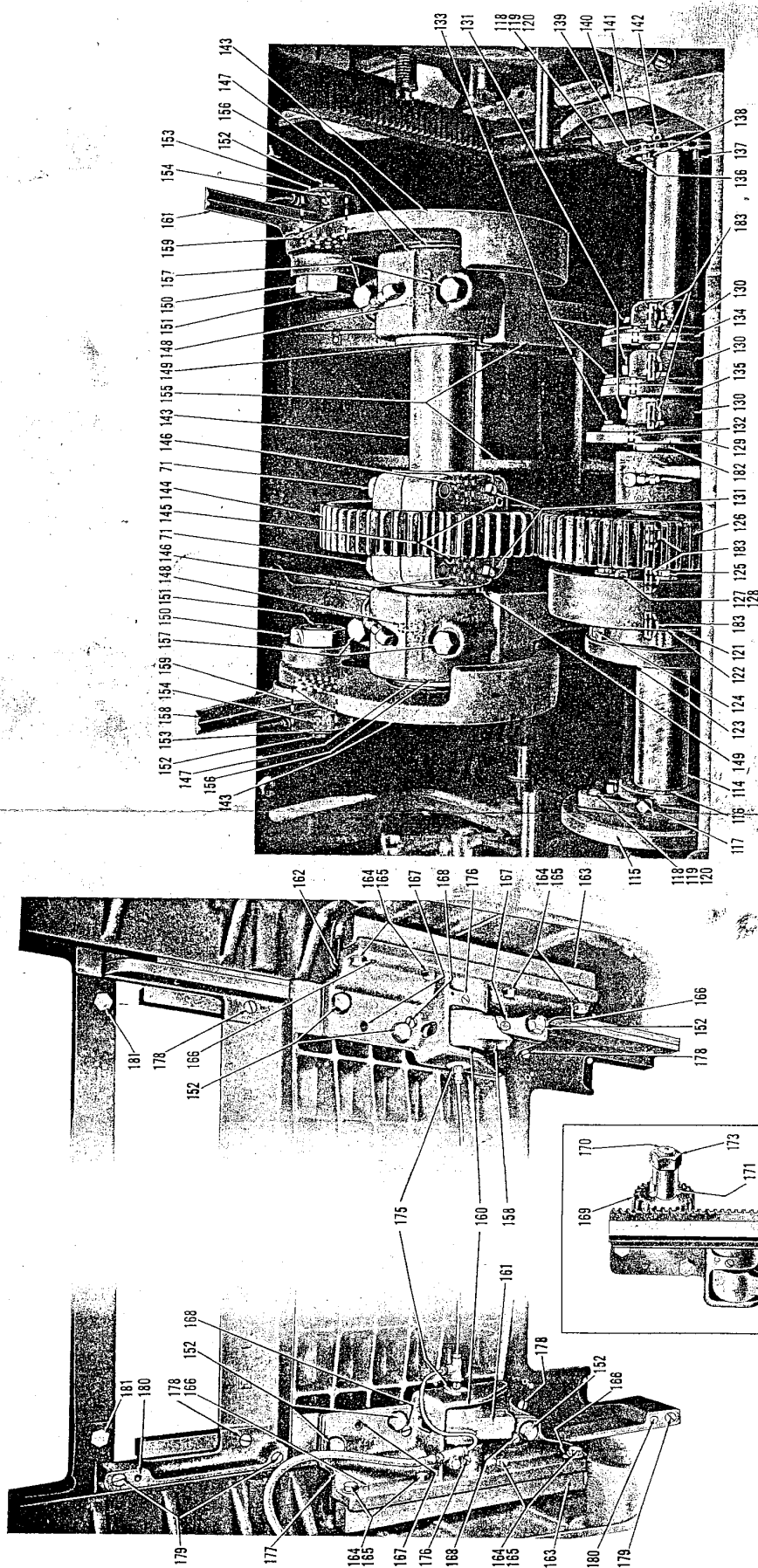
# PARTS LIST FOR DRIVE

(See Figure VF)

Figure and Index No.	Part Number	Name and Description	Part Number	Name and Description
VF-1	21272	Pulley, 2.375 Dia (1725 RPM) (3000 IPH)	*H-43825	Screw, Hex Hd Cap 5/8-11 x 1-3/4
VF-2	20212	Pulley, 2.375 Dia (1725 RPM) (3500 IPH)	21207	Shaft, Flywheel
VF-3	20216	Pulley, 2.375 Dia (1725 RPM) (3500 IPH)	K-21	Key, Woodruff 1-1/4 x 1/4
VF-4	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	*H-48115	Cover, Bearing Bracket - Outer
VF-5	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	*H-48115	Screw, Fil Hd Mach 1/4-20 x 1-1/2
VF-6	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23738	Ring, Bearing - Outer
VF-7	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23739	Ring, Bearing - Inner
VF-8	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	304MF	Cover, Bearing Bracket - Inner
VF-9	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23740	Ring, Felt
VF-10	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23741	Cover, Bearing - Outer
VF-11	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23742	Cover, Bearing - Inner
VF-12	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23743	Ring, Felt
VF-13	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23744	Cover, Bearing - Outer
VF-14	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23745	Cover, Bearing - Inner
VF-15	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23746	Ring, Felt
VF-16	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23747	Cover, Bearing - Outer
VF-17	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23748	Cover, Bearing - Inner
VF-18	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23749	Ring, Felt
VF-19	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23750	Cover, Bearing - Outer
VF-20	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23751	Cover, Bearing - Inner
VF-21	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23752	Ring, Felt
VF-22	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23753	Cover, Bearing - Outer
VF-23	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23754	Cover, Bearing - Inner
VF-24	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23755	Ring, Felt
VF-25	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23756	Cover, Bearing - Outer
VF-26	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23757	Cover, Bearing - Inner
VF-27	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23758	Ring, Felt
VF-28	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23759	Cover, Bearing - Outer
VF-29	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23760	Cover, Bearing - Inner
VF-30	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23761	Ring, Felt
VF-31	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23762	Cover, Bearing - Outer
VF-32	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23763	Cover, Bearing - Inner
VF-33	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23764	Ring, Felt
VF-34	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23765	Cover, Bearing - Outer
VF-35	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23766	Cover, Bearing - Inner
VF-36	20217	Pulley, 3.625 Dia (1425 RPM) (4000 IPH)	23767	Ring, Felt

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All parts listed in *italic type* will be sold only with the parts to which they are attached. They will not be sold separately.

Always be sure to give serial number of press when ordering parts.



When ordering parts always specify  
Serial Number of press (see name plate),  
Part Number, and Name & Description

FIGURE VF-Continued



# PARTS LIST FOR DRIVE, Continued (See Figure VF)

Figure and Index No.	Part Number	Name and Description			Figure and Index No.	Part Number	Name and Description		
		1	2	3			1	2	3
VF-114	21504	Shaft, Cam			VF-136	20205	Sprocket, Oilier Drive Chain		
VF-115	22611	Cam, Oilier Drive Chain			VF-137	*H-42987	Screw, Hex Soc Cap 1/4-20 x 1/2		
VF-116	22611	Bearing, Del Grd Ring - Lower, Lt			VF-138	DP-114	Pin, Dowel 1/4 x 1/2		
VF-117	*H-57092	Screw, Sq Hd Set 3/8-16 x 7/8			VF-139	20206	Cam, Oilier Drive Chain		
VF-118	*H-40120	Screw, Fill Hd Cap 5/16-18 x 1			VF-140	21137	Del Grd Ring - Lower		
VF-119	*H-36650	Washer, Lock 3/8 x 1/8 x 1/16			VF-141	20202	Bearing, Cam-Lower, Rt		
VF-120	*H-33359	Nut, Hex Jam 5/16-18			VF-142	*H-54201	Screw, Hex Soc Set 3/8-16 x 5/8		
VF-121	21176	Assembly, Doctor Cam			VF-143	*H-40120	Screw, Fill Hd Cap 5/16-18 x 1/16		
VF-122	21176	Cam, Fountain			VF-144	*H-33359	Washer, Lock 3/8 x 1/8 x 1/16		
VF-123	*H-57122	Screw, Sq Hd Set 3/8-16 x 1-1/4			VF-145	22559	Nut, Hex Jam 5/16-18		
VF-124	*H-43305	Screw, Hex Hd Cap 3/8-16 x 2-1/2			VF-146	22107	Gear, Crank Shaft		
VF-125	*H-43305	Gear, Crank Shaft			VF-147	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4		
VF-126	*H-43305	Screw, Hex Hd Cap 3/4-16 x 4-1/4			VF-148	*H-3855	Screw, Hex Hd Cap 5/8-11 x 2-1/2		
VF-127	*H-35281	Nut, Hex 3/4-16			VF-149	DP-101	Pin, Dowel 5/16 x 1-3/4		
VF-128	21682	Cam, Feeder Section			VF-150	K-6	Key, Woodruff 1/2 x 3/8		
VF-129	22745	Hub, Air Valve Cam			VF-151	21713	Pin, Dowel 5/16 x 5/8		
VF-130	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4			VF-152	DP-89	Pin, Dowel 3/16 x 1/2		
VF-131	DP-43	Pin, Dowel 3/16 x 1/2			VF-153	22574	Linear, Crank Shaft Bushing		
VF-132	*H-42960	Screw, Hex Hd Cap 1/4-20 x 5/8			VF-154	22571	Nut, Crank Shaft		
VF-133	22954	Cam, Feeder Section			VF-155	22571	Pin, Crank Shaft		
VF-134	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4			VF-156	*H-43485	Washer, Lock 3/8 x 1/8 x 1/16		
VF-135	DP-43	Pin, Dowel 3/16 x 1/2			VF-157	WR-216	Pin, Dowel 3/16 x 1/2		
VF-136	*H-42960	Screw, Hex Hd Cap 1/4-20 x 5/8			VF-158	DP-43	Frame, Main		
VF-137	22745	Hub, Air Valve Cam			VF-159	21054	Cap, Crank Shaft Bearing		
VF-138	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4			VF-160	22575	Screw, Hex Hd Cap 5/8-11 x 3		
VF-139	DP-43	Pin, Dowel 3/16 x 1/2				21682	Recessed Crank Connecting - Lt		
VF-140	*H-42960	Screw, Hex Hd Cap 1/4-20 x 5/8				21701	Bushing, Crank Conn Rod - Lower		
VF-141	22745	Hub, Air Valve Cam				21700	Bushing, Crank Conn Rod - Upper		
VF-142	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4							
VF-143	DP-43	Pin, Dowel 3/16 x 1/2							
VF-144	*H-42960	Screw, Hex Hd Cap 1/4-20 x 5/8							
VF-145	22745	Hub, Air Valve Cam							
VF-146	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4							
VF-147	DP-43	Pin, Dowel 3/16 x 1/2							
VF-148	*H-42960	Screw, Hex Hd Cap 1/4-20 x 5/8							
VF-149	22745	Hub, Air Valve Cam							
VF-150	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4							
VF-151	DP-43	Pin, Dowel 3/16 x 1/2							
VF-152	*H-42960	Screw, Hex Hd Cap 1/4-20 x 5/8							
VF-153	22745	Hub, Air Valve Cam							
VF-154	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4							
VF-155	DP-43	Pin, Dowel 3/16 x 1/2							
VF-156	*H-42960	Screw, Hex Hd Cap 1/4-20 x 5/8							
VF-157	22745	Hub, Air Valve Cam							
VF-158	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4							
VF-159	DP-43	Pin, Dowel 3/16 x 1/2							
VF-160	*H-42960	Screw, Hex Hd Cap 1/4-20 x 5/8							

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All parts listed in *italic type* will be sold *only with the parts to which they are attached. They will not be sold separately.*

Always be sure to give serial number of press when ordering parts.

When ordering parts always specify  
Serial Number of press (see name plate),  
Part Number, and Name & Description

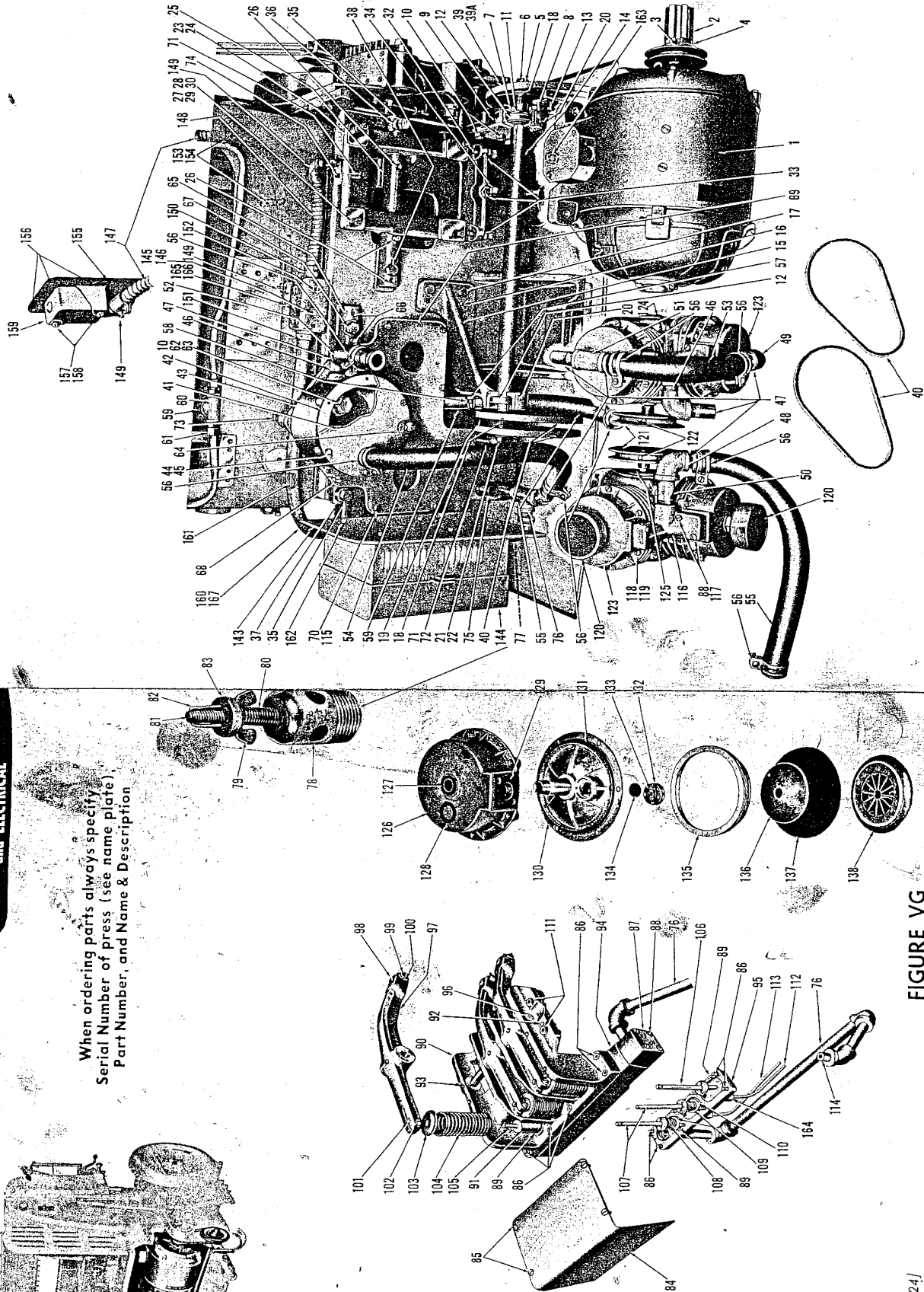
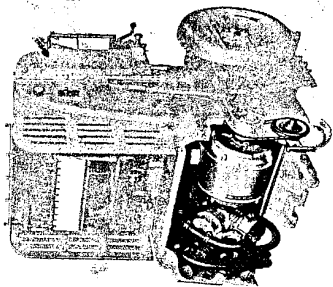


FIGURE VG

# PARTS LIST FOR PUMPS, AIR VALVE and ELECTRICAL

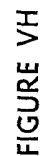
(See Figure VG)

Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description
VG-1	21202	Motor, Kirbale Electric Co.	VG-107	22738	Stem, Feeder Air Valve
VG-2	21203	Shaft, Spline (1725 RPM)	VG-108	22739	Spring, Air Release Valve
VG-3	21204	Shaft, Spline (1725 RPM)	VG-109	22740	Valve, Section Release
VG-4	21205	Ring, Spline Snap	VG-110	22741	Pin, Cotter 3/32 x 1/2
VG-5	21206	Shaft, Spline (1725 RPM)	VG-111	22742	Screw, Hex Hd Set 5/16-18 x 7/8
VG-6	21207	Shaft, Spline (1725 RPM)	VG-112	22743	Pin, Cotter 3/32 x 1/2
VG-7	21208	Screw, Hex Hd Set 5/16-18 x 3/8	VG-113	22744	Pin, Cotter 3/32 x 1/2
VG-8	21209	Screw, Hex Hd Set 5/16-18 x 1	VG-114	22745	Pin, Cotter 3/32 x 1/2
VG-9	21210	Screw, Hex Hd Set 5/16-18 x 1	VG-115	22746	Pin, Cotter 3/32 x 1/2
VG-10	21211	Screw, Hex Hd Set 5/16-18 x 1	VG-116	22747	Pin, Cotter 3/32 x 1/2
VG-11	21212	Nut, Bearing Lock	VG-117	22748	Pin, Cotter 3/32 x 1/2
VG-12	21213	Stud, Counting Lever - 373 B-A 21	VG-118	22749	Pin, Cotter 3/32 x 1/2
VG-13	21214	Bracket, Pump Drive	VG-119	22750	Pin, Cotter 3/32 x 1/2
VG-14	21215	Bracket, Pump Drive	VG-120	22751	Pin, Cotter 3/32 x 1/2
VG-15	21216	Screw, Hex Hd Set 5/16-18 x 1/4	VG-121	22752	Pin, Cotter 3/32 x 1/2
VG-16	21217	Screw, Hex Hd Set 5/16-18 x 1/4	VG-122	22753	Pin, Cotter 3/32 x 1/2
VG-17	21218	Screw, Hex Hd Set 5/16-18 x 1/4	VG-123	22754	Pin, Cotter 3/32 x 1/2
VG-18	21219	Screw, Hex Hd Set 5/16-18 x 1/4	VG-124	22755	Pin, Cotter 3/32 x 1/2
VG-19	21220	Fitting, Air Valve	VG-125	22756	Pin, Cotter 3/32 x 1/2
VG-20	21221	Nut, Hex 1/2-20 Lt Hand	VG-126	22757	Pin, Cotter 3/32 x 1/2
VG-21	21222	Washer, Finished 32/64 x 1-1/2 x 3/16	VG-127	22758	Pin, Cotter 3/32 x 1/2
VG-22	21223	Bracket, Motor Bracket (1725 RPM)	VG-128	22759	Pin, Cotter 3/32 x 1/2
VG-23	21224	Bracket, Motor Bracket (1725 RPM)	VG-129	22760	Pin, Cotter 3/32 x 1/2
VG-24	21225	Bracket, Motor Bracket (1725 RPM)	VG-130	22761	Pin, Cotter 3/32 x 1/2
VG-25	21226	Bracket, Motor Bracket (1725 RPM)	VG-131	22762	Pin, Cotter 3/32 x 1/2
VG-26	21227	Bracket, Motor Bracket (1725 RPM)	VG-132	22763	Pin, Cotter 3/32 x 1/2
VG-27	21228	Bracket, Motor Bracket (1725 RPM)	VG-133	22764	Pin, Cotter 3/32 x 1/2
VG-28	21229	Bracket, Motor Bracket (1725 RPM)	VG-134	22765	Pin, Cotter 3/32 x 1/2
VG-29	21230	Bracket, Motor Bracket (1725 RPM)	VG-135	22766	Pin, Cotter 3/32 x 1/2
VG-30	21231	Bracket, Motor Bracket (1725 RPM)	VG-136	22767	Pin, Cotter 3/32 x 1/2
VG-31	21232	Bracket, Motor Bracket (1725 RPM)	VG-137	22768	Pin, Cotter 3/32 x 1/2
VG-32	21233	Bracket, Motor Bracket (1725 RPM)	VG-138	22769	Pin, Cotter 3/32 x 1/2
VG-33	21234	Bracket, Motor Bracket (1725 RPM)	VG-139	22770	Pin, Cotter 3/32 x 1/2
VG-34	21235	Bracket, Motor Bracket (1725 RPM)	VG-140	22771	Pin, Cotter 3/32 x 1/2
VG-35	21236	Bracket, Motor Bracket (1725 RPM)	VG-141	22772	Pin, Cotter 3/32 x 1/2
VG-36	21237	Bracket, Motor Bracket (1725 RPM)	VG-142	22773	Pin, Cotter 3/32 x 1/2
VG-37	21238	Bracket, Motor Bracket (1725 RPM)	VG-143	22774	Pin, Cotter 3/32 x 1/2
VG-38	21239	Bracket, Motor Bracket (1725 RPM)	VG-144	22775	Pin, Cotter 3/32 x 1/2
VG-39	21240	Bracket, Motor Bracket (1725 RPM)	VG-145	22776	Pin, Cotter 3/32 x 1/2
VG-40	21241	Bracket, Motor Bracket (1725 RPM)	VG-146	22777	Pin, Cotter 3/32 x 1/2
VG-41	21242	Bracket, Motor Bracket (1725 RPM)	VG-147	22778	Pin, Cotter 3/32 x 1/2
VG-42	21243	Bracket, Motor Bracket (1725 RPM)	VG-148	22779	Pin, Cotter 3/32 x 1/2
VG-43	21244	Bracket, Motor Bracket (1725 RPM)	VG-149	22780	Pin, Cotter 3/32 x 1/2
VG-44	21245	Bracket, Motor Bracket (1725 RPM)	VG-150	22781	Pin, Cotter 3/32 x 1/2
VG-45	21246	Bracket, Motor Bracket (1725 RPM)	VG-151	22782	Pin, Cotter 3/32 x 1/2
VG-46	21247	Bracket, Motor Bracket (1725 RPM)	VG-152	22783	Pin, Cotter 3/32 x 1/2
			VG-153	22784	Pin, Cotter 3/32 x 1/2
			VG-154	22785	Pin, Cotter 3/32 x 1/2
			VG-155	22786	Pin, Cotter 3/32 x 1/2
			VG-156	22787	Pin, Cotter 3/32 x 1/2
			VG-157	22788	Pin, Cotter 3/32 x 1/2
			VG-158	22789	Pin, Cotter 3/32 x 1/2
			VG-159	22790	Pin, Cotter 3/32 x 1/2
			VG-160	22791	Pin, Cotter 3/32 x 1/2
			VG-161	22792	Pin, Cotter 3/32 x 1/2
			VG-162	22793	Pin, Cotter 3/32 x 1/2
			VG-163	22794	Pin, Cotter 3/32 x 1/2
			VG-164	22795	Pin, Cotter 3/32 x 1/2
			VG-165	22796	Pin, Cotter 3/32 x 1/2
			VG-166	22797	Pin, Cotter 3/32 x 1/2
			VG-167	22798	Pin, Cotter 3/32 x 1/2

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Always be sure to give serial number of press when ordering parts.

## PARTS LIST FOR TYPE BED, CYLINDER FRAME and MAIN FRAME



[page 26]

All parts indicated by asterisk (\*) preceding the part number are commercial parts and may be ordered from a local hardware store or machinists' supply house.

Primary parts of an assembly will always include those parts which are indicated under them in the classified lists.

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Always be sure to give serial number of press when ordering parts.

Figure and Index No.	Part Number	Name and Description			Figure and Index No.	Part Number	Name and Description		
		1	2	3			1	2	3
VH-1	23091	Frame, Way			VH-22A	23232	Shim, Cylinder Frame Gib,		
VH-2	21054	Frame, Main					New, .002		
VH-3	23075	Cap, Bearing			VH-23	23098	Frame, Cylinder		
		Cap, Hex Hd Cap			VH-24	23108	Back, Cylinder Frame		
		3/8-11 x 1/2			VH-25	23099	Bed, Type		
VH-4	H-43877	Plug, .118 x 1/2			VH-26	23132	Bearer, Type Bad		
VH-5	H-75029	Plug, .118 x 1/2			VH-27	23109	Pin, Cylinder Gripper Closing		
VH-6	23612	Pin, Brass .0015			VH-28	DP-69	Pin, Cylinder Gripper Opening		
VH-7	H-50875	Screw, Rd Hd Mach			VH-29	H-40110	Scw, Fil Hd Cap 5/16-18 x 3/4		
		1/4-20 x 3/4			VH-30	21727	Cam, Cylinder Gripper Opening		
VH-8	H-40340	Screw, Fil Hd Cap 7/16-14 x 1			VH-31	21605	Shim, .027		
VH-9	H-65099	Plate, Name			VH-32	21345	Shim, Type Bad		
VH-10	N-50	Plate, P-100			VH-33	H-40011	Screw, Fil Hd Cap 1/4-20 x 1/2 (1/2 hd)		
VH-11	N-50	Plate, Name			VH-34	23572	Screw, Fil Hd Cap 1/4-20 x 1/2 (1/2 hd)		
VH-12	N-44	Plate, Name			VH-35	23573	Shim, .003		
VH-13	H-43500	Screw, Hex Hd Cap			VH-36	22503	Lock, Impression Cylinder		
		1/2-13 x 1-3/8			VH-37	202518	Lock, Chase		
VH-14	H-43515	Screw, Hex Hd Cap			VH-38	202553	Pin, Rod, Chase Lock Spring		
VH-15	DP-135	Pin, 1/3 x 1 1/4			VH-39	H-614	Pin, Center 1/8 x 1		
VH-16	21721	Gib, Cylinder Frame - R			VH-40	SP-2	Stud, Chase Lock		
VH-17	21722	Gib, Cylinder Frame - L			VH-41	22522	Screw, Fil Hd Cap 5/16-18 x 3/4 (1/2 hd)		
VH-18	H-46395	Screw, Hex Soc Cap 7/16-14 x 2 1/2			VH-42	H-40111	Screw, Fil Hd Cap 5/16-18 x 3/4 (1/2 hd)		
VH-19	23574	Shim, Wide .002			VH-43	DP-112	Pin, Dowel 3/8 x 7/8		
VH-20	23575	Shim, Wide .003			VH-44	H-40205	Screw, Fil Hd Cap 3/8-16 x 5/8		
VH-21	23570	Shim, Narrow .003							
VH-22	23571	Shim, Narrow .001							

# PARTS LIST FOR GUARDS

(See Figure VI)

Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description
VI-1	21061	Guard, Delivery - Rt	VI-25	*H-36645	Washer, Lock
VI-2	*H-46345	Screw, Hex Soc Cop 3/8-16 x 1	VI-26	*H-35055	Nut, Hex 1/4-20
VI-3	21217	Guard, Motor Drive	VI-27	*H-50875	Screw, Rd Hd Mach 1/4-20 x 3/4
VI-4	*H-50960	Guard, Motor Drive - Lt	VI-28	*H-46352	Screw, Hex Soc Cop 3/8-16 x 2
VI-5	21063	Guard, Motor Drive - Lt	VI-29	*H-46353	Screw, Hex Soc Cop 3/8-16 x 2
VI-6	21064	Guard, Motor Drive - Lt	VI-30	21059	Cam, Side Guide Lowering and
VI-7	20386	Guard, Motor Drive - Lt	VI-31	21766	Plate, Suction Pipe Clamp
VI-8	20386	Guard, Motor Drive - Lt	VI-32	*H-51336	Screw, Rd Hd Mach 10-32 x 5/16
VI-9	*H-68201	Stud, #7 Shakeproof Wing	VI-33	*H-46416	Screw, Hex Soc Cop
VI-10	WR-25	Hd 9/16-18 x 5/16	VI-34	DP-141	Pin, Dowel 1/2 x 1-3/4
VI-11	*H-68200	Pin, Shakeproof Cross	VI-35	DP-120	Pin, Dowel 3/8 x 1-3/4
VI-12	*SLW-3502-18	96-7-CP Washer, Shakeproof Spring	VI-36	*H-34548	Pin, Cotter 3/32 x 5/8
VI-12A	20214	Bar, Flywheel Shaft	VI-37	20358	Shoe, Vacuum Cylinder
VI-13	*H-43485	Screw, Hex Hd Cop 1/2-13 x 1	VI-38	H-30516	Gover, Oil Hoist, Gits Bros.
VI-14	*H-50955	Screw, Rd Hd Mach 5/16-18 x 5/16	VI-39	H-30516	Screw, Rd Hd Mach
VI-15	21060	Guard, Cylinder End - Lt	VI-40	H-50675	10-24NC x 3/4
VI-16	21644	Cam, Stop Lever	VI-41	H-53830	Screw, Hex Soc Set
VI-17	21644	Cam, Stop Lever	VI-42	20359	Spring, Vacuum Cylinder Shoe
VI-18	DP-79	Pin, Dowel 1/4 x 1-1/2	VI-43	H-50860	Screw, Rd Hd Mach
VI-19	*H-50490	Screw, Rd Hd Mach 6-32 x 1/4	VI-44	H-36643	Washer, Lock
VI-20	22377	Pin, Guard Hinge	VI-45	20362	Shim, Brass, Cylinder
VI-21	23097	Guard, Corner - Lt	VI-46	20367	Plate, Cylinder Vacuum Shoe Spring
VI-22	*H-47865	Screw, Hex Hd Cop 10-24 x 1/4			
VI-23	21018	Guard, Feeder Delivery Cam			
VI-24	28457	Cover, Cam Guard			

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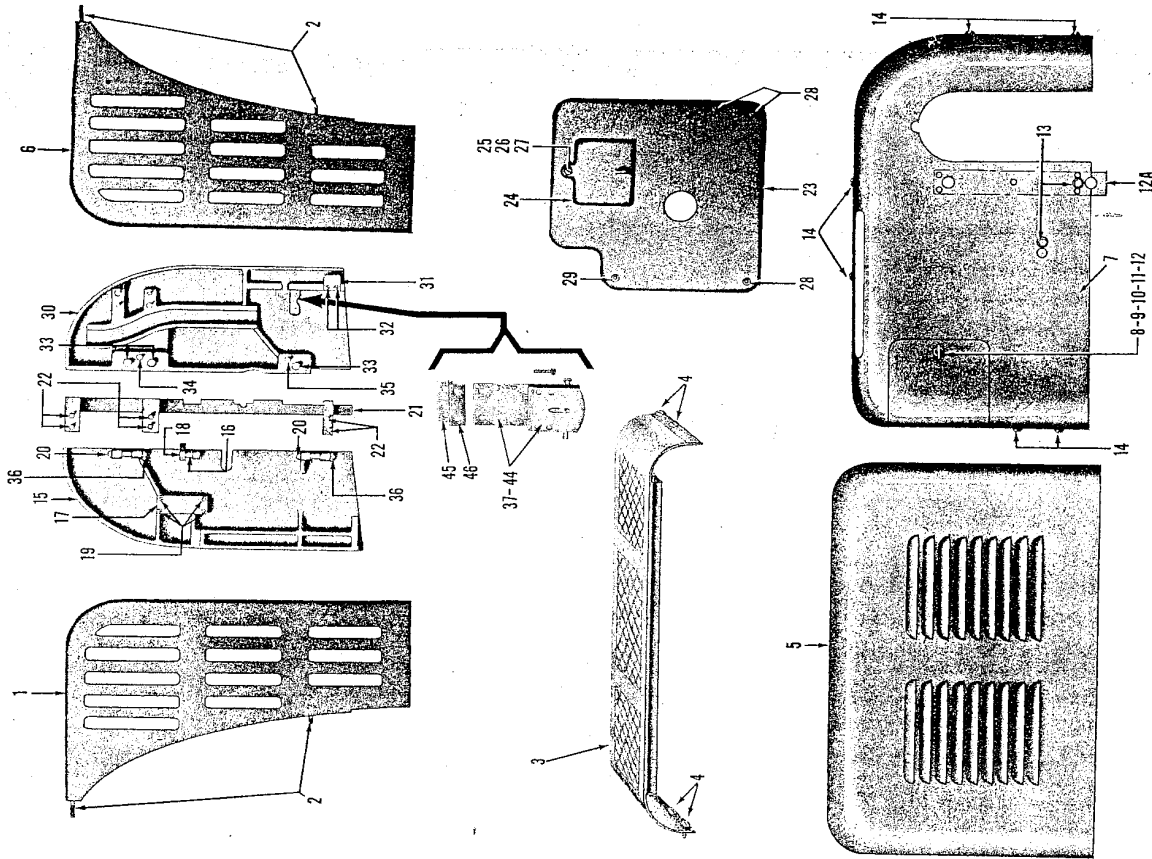


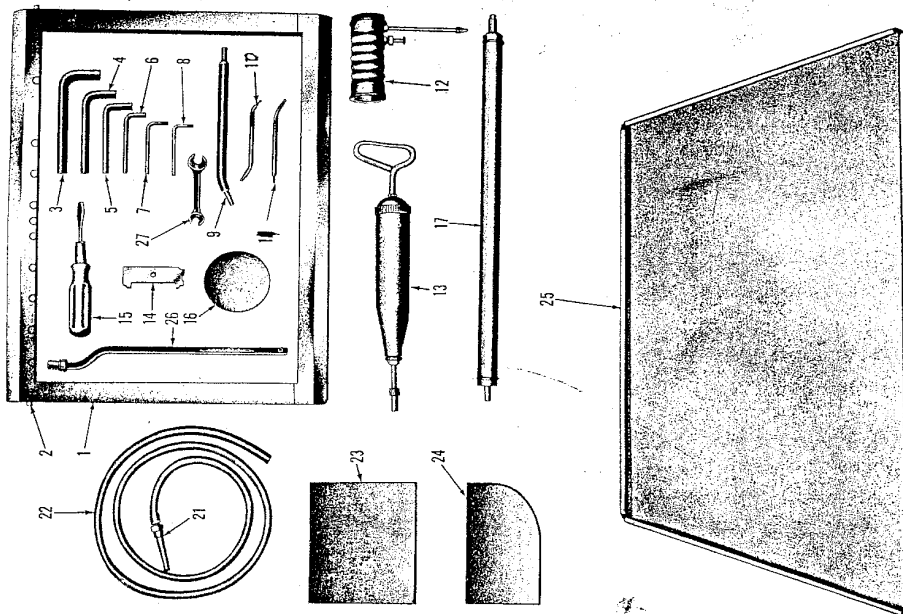
FIGURE VI

Always be sure to give serial number of press when ordering parts.

PARTS LIST FOR TOOLS and MISCELLANEOUS PARTS

(See Figure VJ)

Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description
VJ-1	21001	Chase, Pin, Type Bad Chase	VJ-16	BB-4223	Disc, Oil Pump Filler
VJ-2	22216	Wrench for 5/8 Hex Socket Screw	VJ-17	22586	Felt B 4223
VJ-3	*H-70010	Wrench for 3/8 Hex Socket Screw	VJ-18		Roller, Composition Covered
VJ-4	*H-70009	Wrench for 3/8 Hex Socket Screw	VJ-19		Part Not Listed
VJ-5	*H-70007	Wrench for 5/16 Hex Socket Screw	VJ-20		Part Not Listed
VJ-6	*H-70005	Wrench for 10-32 Hex Socket Screw	VJ-21	21767	Plug, Blower Tube Shut-off
VJ-7	*H-70006	Wrench for 1/4 Hex Socket Screw	VJ-22	23881	Tube, Feeder Post Blower
VJ-8	*H-70008	Wrench, Pin 5/16 x 3/16	VJ-23	23882	Pad, Press Rest - Rear
VJ-9	22478	Wrench, Pin 1/8 x 3/16	VJ-24	23883	Pad, Press Rest - Front
VJ-10	22478	Wrench, Pin 1/8 x 3/16	VJ-25	21350	Wrench, Oil Drain
VJ-11	*H-67990	Gun, Hydraulic Auto Type Grease	VJ-26	20351	Wrench, Pump Screw
VJ-12	*Z-65562	Wrench, Pump	VJ-27	*H-70144	Wrench for Oiling System (3/8 x 7/16 openings) #723
VJ-13	20313	Screwdriver, 4"			
VJ-14					
VJ-15	*H-68556				



When ordering parts always specify  
Serial Number of press (see name plate),  
Part Number, and Name & Description

FIGURE VJ

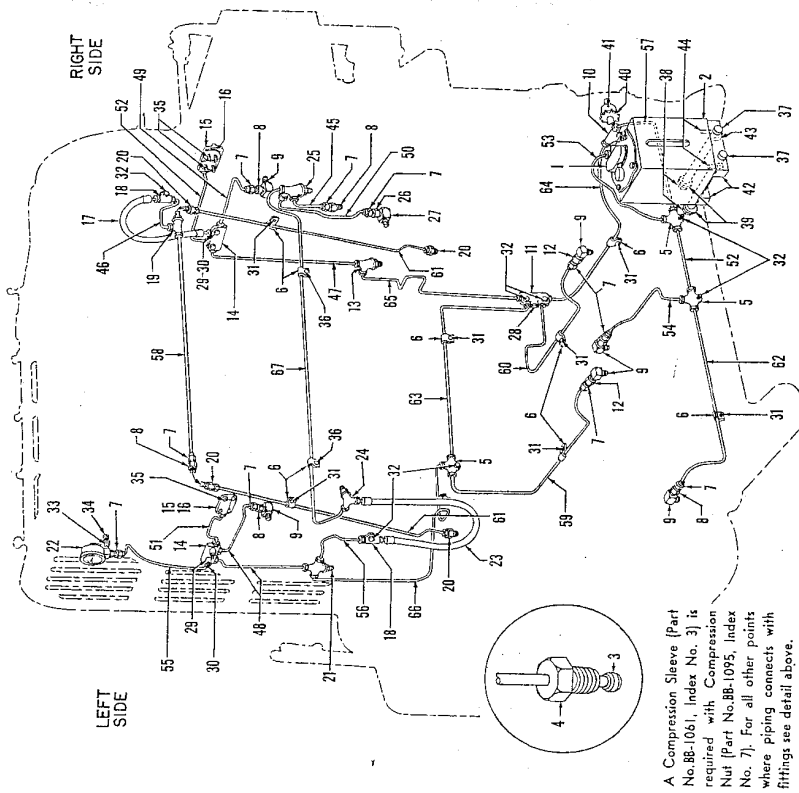
\*All parts indicated by asterisk (\*) preceding the part number are commercial parts and may be ordered from a local hardware store or machinists' supply house.  
Primary parts of an assembly will always include those parts which are indicated under them in the classified lists.  
All parts listed in Italic type will be sold only with the parts to which they are attached. They will not be sold separately.

Always be sure to give serial number of press when ordering parts.

# PARTS LIST FOR AUTOMATIC LUBRICATION SYSTEM

(See Figure VK)

Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description
VK-1	BD-2232	Unit Lubrication Pump	VK-35	*H-40085	Screw, Fil Hd Mach 1/4-20 x 5/8
VK-2	BD-2214	Reservoir, Oil	VK-36	*H-40085	Screw, Rd Hd Mach 10-24 x 3/8
VK-3	BB-1061	Sleeve, Compression	VK-37	20200	Stud, Lubricator Bracket
VK-4	BB-1371	Bushing, Compression	VK-38	*H-35274	Washer, Lock 5/8 x 13/64 x 5/32
VK-5	BB-2435	Unit, Metering, FTA 0	VK-39	*H-36678	Sprocket, Oil Pump
VK-6	BB-2435	Unit, Metering, FTA 0	VK-40	*H-34062	Screw, Hex Soc Set
VK-7	BB-1083	Unit, Metering, FTA 0	VK-41	*H-34062	Bracket, Pump Adjusting
VK-8	BB-2768	Unit, Metering, FTA 0	VK-42	*H-34061	Screw, Hex Socket Cap
VK-9	BB-1071	Unit, Metering, FTA 0	VK-43	*H-46319	Pipe, Brass 5/32 x 2 1/2
VK-10	BB-1083	Unit, Metering, FTA 0	VK-44	BP-20	Pipe, Brass 5/32 x 2 1/2
VK-11	BB-1083	Unit, Metering, FTA 0	VK-45	BP-20	Pipe, Brass 5/32 x 2 1/2
VK-12	BB-1083	Unit, Metering, FTA 0	VK-46	BP-20	Pipe, Brass 5/32 x 2 1/2
VK-13	BB-1530	Unit, Metering, FTA 0	VK-47	BP-20	Pipe, Brass 5/32 x 2 1/2
VK-14	BB-3262	Unit, Metering, FTA 0	VK-48	BP-20	Pipe, Brass 5/32 x 2 1/2
VK-15	BB-4190	Unit, Metering, FTA 0	VK-49	BP-20	Pipe, Brass 5/32 x 2 1/2
VK-16	BB-4191	Unit, Metering, FTA 0	VK-50	BP-20	Pipe, Brass 5/32 x 2 1/2
VK-17	BB-4191	Unit, Metering, FTA 0	VK-51	BP-20	Pipe, Brass 5/32 x 2 1/2
VK-18	BB-3288	Unit, Metering, FTA 0	VK-52	BP-20	Pipe, Brass 5/32 x 2 1/2
VK-19	BB-1098	Unit, Metering, FTA 0	VK-53	BP-20	Pipe, Brass 5/32 x 2 1/2
VK-20	BB-2835	Unit, Metering, FTA 0	VK-54	BP-20	Pipe, Brass 5/32 x 2 1/2
VK-21	BB-1077	Unit, Metering, FTA 0	VK-55	BP-20	Pipe, Brass 5/32 x 2 1/2
VK-22	BB-4895	Unit, Metering, FTA 0	VK-56	BP-20	Pipe, Brass 5/32 x 2 1/2
VK-23	BB-1106	Unit, Metering, FTA 0	VK-57	BP-20	Pipe, Brass 5/32 x 2 1/2
VK-24	BB-1106	Unit, Metering, FTA 0	VK-58	BP-20	Pipe, Brass 5/32 x 2 1/2
VK-25	BB-1129	Unit, Metering, FTA 0	VK-59	BP-20	Pipe, Brass 5/32 x 2 1/2
VK-26	BB-1620	Unit, Metering, FTA 0	VK-60	BP-20	Pipe, Brass 5/32 x 2 1/2
VK-27	BB-1620	Unit, Metering, FTA 0	VK-61	BP-20	Pipe, Brass 5/32 x 2 1/2
VK-28	BB-1620	Unit, Metering, FTA 0	VK-62	BP-20	Pipe, Brass 5/32 x 2 1/2
VK-29	BB-1620	Unit, Metering, FTA 0	VK-63	BP-20	Pipe, Brass 5/32 x 2 1/2
VK-30	BB-1620	Unit, Metering, FTA 0	VK-64	BP-20	Pipe, Brass 5/32 x 2 1/2
VK-31	*H-42995	Unit, Metering, FTA 0	VK-65	BP-20	Pipe, Brass 5/32 x 2 1/2
VK-32	*H-42995	Unit, Metering, FTA 0	VK-66	BP-20	Pipe, Brass 5/32 x 2 1/2
VK-33	*H-42995	Unit, Metering, FTA 0	VK-67	BP-20	Pipe, Brass 5/32 x 2 1/2
VK-34	*H-42995	Unit, Metering, FTA 0			



A Compression Sleeve (Part No. BB-1061, Index No. 3) is required with Compression Nut (Part No. BB-1095, Index No. 7). For all other points where piping connects with fittings see detail above.

FIGURE VK

\*All parts indicated by asterisk (\*) preceding the part number are commercial parts and may be ordered from a local hardware store or machinist's supply house. Primary parts of an assembly will always include those parts which are indicated under them in the classified lists. All parts listed in italic type will be sold only with the parts to which they are attached. They will not be sold separately.

Always be sure to give serial number of press when ordering parts.





# NUMERICAL PARTS LIST

Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key
BA-2435	VK-6	DP-69	VB-118	P-8708	VG-136	WR-36	VA-261	20272	VG-129	21171	VE-100
BA-2768	VK-9		VH-28	P-8720	VG-121		VE-141	20276	VB-62	21174	VC-83
BA-2835	VK-20	DP-71	VB-55	P-8735	VG-130	WR-54	VA-32	20277	VB-61	21175	VC-80
BB-1061	VK-3	DP-73	VB-243	P-8748	VG-131		VB-221	20284	VB-305	A21176	VF-121
BB-1071	VK-10		VD-73	P-8749	VG-118	WR-56	VA-291	20288	VG-82	21176	VF-122
BB-1077	VK-21		VG-92	P-8765	VG-137		VE-165	20289	VG-77	21189	VF-40
BB-1083	VK-8	DP-78	VA-348	SP-C-44	VH-40		VG-30A	20291	VB-9	A21201	VG-23
BB-1084	VK-12		VB-135	SP-C-45	VB-92		VG-62	20292	VB-8	21201	VG-24
BB-1095	VK-7	DP-79	VI-18	TP-51	VA-60	WR-58	VG-22	20300	VB-83	21202	VG-2
BB-1098	VK-19	DP-80	VA-285		VA-288	WR-65	VF-50	20301	VB-89	21203	VG-143
BB-1106	VK-24	DP-89	VF-148		VC-4	WR-78	VA-271	20302	VB-90	21207	VF-74
BB-1371	VK-4	DP-91	VE-80		VE-119		VE-78	20303	VA-264	21208	VG-9
BB-1530	VK-13	DP-95	VF-55	TP-54	VB-240	WR-83	VA-327		VF-26	21209	VF-101
BB-1620	VK-26	DP-101	VF-145	TP-55	VB-211		VF-105		VE-157	A21211	VE-12
BB-2488	VK-28	DP-103	VB-340	TP-64	VC-79	WR-90	VB-291	20306	VI-8	21211	VE-13
BB-3065	VK-5	DP-105	VA-341	TP-66	VE-98	WR-212	VF-30	20312	VH-26	21217	VI-3
BB-3262	VK-14	DP-110	VA-149	TP-76	VD-5	WR-216	VF-153	20313	VJ-14	21218	VF-32
BB-3263	VK-11	DP-112	VB-205	TP-77	VA-126	X-CS-1026	VA-103	20314	VG-123	A21224	VG-23A
BB-3288	VK-18		VH-43		VD-19	O11E	VB-97	20316	VG-19	21224	VG-24A
BB-3507	VK-23	DP-114	VA-89	TP-78	VB-214	2025FF	VB-85	20322	VG-14	21226	VG-2A
BB-3608	VK-27		VA-332	TP-79	VD-13	2035F	VF-24	20323	VG-40	21227	VG-43
BB-4129	VK-25		VE-221	TP-80	VA-269	3015F	VB-174	20324	VG-39	21231	VB-5
BB-4190	VK-15		VF-166		VB-88	306MF	VF-80	20325	VG-39A	21238	VG-69
BB-4191	VK-16		VF-180	TP-81	VE-161		VG-12	20326	VG-54	21242	VG-112
BB-4196	VK-17	DP-115	VG-16		VA-110	1974	VB-127	20327	VG-59	21252	VA-238
BB-4223	VJ-16		VA-12		VB-169	2040	VB-192	20328	VG-75	21257	VF-84
BB-4895	VK-22		VE-9	TP-85	VB-235	2128	VB-193	20329	VG-51	21259	VB-289
BD-2214	VK-2	DP-118	VA-339		VA-297	2888A	VB-161B	20330	VE-218	21260	VB-77
BD-2232	VK-1	DP-120	VI-35	TP-87	VE-122	3527	VG-13	20335	VE-210	21261	VB-53
CR-14	VB-129	DP-123	VA-340	TP-90	VA-351	3528	VB-161D	20336	VG-53	21270	VG-7
CR-17	VG-36	DP-126	VC-30	TP-91	VB-301	4076	VA-21	20337	VG-52	21271	VG-25
CR-27	VG-37	DP-135	VF-167	TP-92	VA-128	4100A	VB-10	20351	VJ-26	21272	VF-1
CR-102	VE-31		VH-15	TP-93	VE-40	4500	VC-22	20353	VH-38	21273	VF-3A
	VF-57	DP-137	VA-236		VE-183	5606T1A	VF-85	20358	VI-37		VF-5
CR-123	VC-36		VF-65	TP-94	VE-184	5945	VF-25	20359	VI-42	21275	VF-86
CR-145	VC-6		VG-26		VB-303	5955A	VB-343	20362	VI-45	21283	VG-4
CR-201	VA-26		VG-31	TP-100	VE-185	20200	VK-37	20363	VB-141	21285	VF-33
CR-209	VE-181	DP-141	VA-325	TP-101	VA-48	20201	VK-42	20367	VI-46	21286	VE-76
CR-212	VB-234		VG-66	TP-102	VB-287	20202	VF-141	20389	VA-98D	21291	VG-65
DP-3	VA-165		VG-68		VA-40	20204	VK-40	20394	VC-16	21295	VG-47
	VD-26	DP-191	VF-62	TP-103	VA-213	20205	VF-136	21000	VA-118	21299	VE-214
DP-13	VA-200	H-30304	VB-123	TP-104	VB-168	20206	VF-139	21001	VJ-1	21302	VC-13
DP-15	VA-87	H-43877	VF-157		VA-227	20207	VF-54	21010	VA-141	21314	VB-99
	VA-201		VH-4	TP-106	VA-155	20207	VF-16	21011	VA-331	21315	VB-297
DP-19	VA-202	H-50501	VB-80		VA-212	20211	VF-1A	21015	VA-316	21331	VC-18
	VG-105	H-50671	VE-121	TP-108	VD-61	20212	VF-3	21018	VI-23	21337	VE-200
DP-22	VB-173	H-50861	VA-54		VA-47	20213	VF-44	21021	VC-2	21338	VE-196
	VB-254	H-50871	VA-127	TP-109	VD-56	20214	VI-12A	21022	VC-15	21345	VH-32
DP-25	VB-286		VB-16	TP-110	VB-298	20216	VF-2	21023	VE-220	21350	VJ-25
	VF-31	H-50881	VE-63	TP-116	VA-303	20217	VF-2A	21030	VB-256	21352	VA-35
DP-26	VD-12	H-66838P	VA-185		VB-75		VF-4	21047	VF-61	21353	VA-36
DP-27	VA-199		VB-284	TP-117	VE-20	20218	VF-107	21048	VF-52	21364	VB-307
DP-28	VE-150	H-66976P	VE-216	TP-118	VE-24	20223	VF-6	21049	VF-11	21386	VB-21
DP-29	VB-280	K-E	VA-328	TP-119	VE-33	20226	VA-6	21054	VF-155	21387	VA-276A
DP-32	VA-64		VF-113		VA-30	20227	VG-76		VH-2		VE-187A
	VC-68	K-G	VF-183		VB-293	20228	VG-148	21059	VI-30	21388	VE-182A
DP-36	VB-74	K-6	VF-146	VC-22	VB-76	20229	VG-106A	21060	VI-15		VE-124
DP-40	VB-190	K-11	VD-49	WR-3	VA-198	20230	VG-160	21061	VI-1	21390	VA-278
	VF-171	K-15	VB-120	WR-6	VA-169	20231	VG-147	21062	VI-6	21393	VA-278
DP-41	VB-110	K-18	VG-18		VB-94	20235	VG-25A	21063	VI-5	21394	VA-279
	VE-26	K-21	VF-75	WR-7	VB-106	20237	VF-5A	21064	VI-7	21405	VB-148
DP-43	VB-22	MD-407R	VF-39	WR-13	VA-55	20238	VF-4A	21072	VG-15	21406	VB-150
	VC-27	MD-521	VB-24		VE-153	20239	VF-103	21113	VE-116	21438	VB-152
	VF-132	N-42	VH-9	WR-21	VA-266	20240	VC-98	21133	VC-33	21471	VB-48
DP-46	VB-181	N-44	VH-12		VE-159	20248	VB-310	21134	VE-86	21504	VF-114
	VB-184	N-50	VH-11	WR-23	VB-271	20249	VB-302	21137	VF-140	21505	VE-106
DP-47	VB-232	P-4419	VG-125		VB-299	20250	VB-304	21140	VA-129	21506	VE-112
DP-49	VG-89	P-4420	VG-124	WR-24	VA-29	20251	VB-300	21141	VA-137	21507	VC-41
DP-52	VB-23	P-8124	VG-134		VE-34	20252	VB-311	21142	VE-79	21508	VC-49
DP-53	VA-216	P-8425	VG-128	WR-25	VI-10	20254	VG-5A	21143	VE-105	21509	VC-20
	VD-67	P-8446	VG-127	WR-33	VC-19	20256	VG-116	21149	VG-113	21510	VC-21
DP-56	VD-58	P-8449	VG-133		VE-49	20259	VA-254	21153	VE-120	21512	VC-10
DP-59	VC-25	P-8356	VG-132		VE-91	20261	VG-5	21154	VE-123	21513	VC-11
DP-61	VC-26	P-8369	VG-122		VF-7	20265	VG-126	21160	VE-58	21515	VC-70
DP-67	VA-231	P-8704	VG-135	WR-34	VG-30	20267	VG-41	21162	VB-342	21525	VE-115
	VF-138	P-8707	VG-138			20268	VG-42	21164	VE-1	21526	VE-337
						20271	VG-120	21165	VB-142	21528	VB-330

# NUMERICAL PARTS LIST, Continued

Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key
21530	VB-334	21727	VH-30	22017	VE-136	22414	VB-313	22603	VD-59	22751	VG-99
21531	VB-335	21728	VE-132	22026	VA-166	22421	VB-282	22604	VD-62	22752	VA-113
21532	VB-336	21729	VE-131	22027	VA-158	22422	VB-294	22605	VD-63		VG-114
21533	VB-136	21730	VB-108	22061	VA-119	22423	VA-170	22606	VD-64	22755	VB-42
21539	VB-241	21731	VA-191	22062	VA-120	22424	VA-159	22607	VD-66	22756	VB-35
21540	VB-246	21734R	VA-98B	22067	VF-104	22425	VA-171	22608	VE-145	22760	VB-43
21542	VB-237	21735	VK-29	22076	VA-334	22430	VB-250	22612	VE-147	22761	VB-112
21543	VB-242	21751	VE-222	22088	VB-187	22433	VB-45	22614	VE-191	22762	VA-161
21546	VB-244	21753	VA-192	22092	VE-137	22434	VB-47	22621	VF-116	22764	VA-249
21548	VB-84	21762	VA-130	22093	VE-138	22437	VA-106	22622	VE-148	22767	VA-77
21550	VB-100	21765	VB-71	22096	VE-139	22438	VA-5	22623	VE-69	22768	VA-79
21554	VC-57	21766	VI-31	22100	VF-163		VA-143	22624	VE-125	22769	VA-80
21555	VC-42	21767	VJ-21	22107	VF-144		VB-86	22630	VC-23	22772	VB-161A
21556	VC-43	21768	VA-95	22108	VH-24		VB-154	22633	VC-17		VB-306
21557	VC-47	21769	VA-94	22111	VD-23		VC-12	22637	VC-3	22774	VA-259
21561	VE-87	21770	VA-93	22112	VD-7		VE-6	22639	VE-149	22775	VA-177
21563	VE-127	21772	VB-247	22113	VD-6	22444	VA-108	22648	VE-94	22776	VA-178
21566	VE-2	21773	VB-104	22115	VF-115	22449	VB-264	22661	VA-222	22777	VA-179
21567	VE-90		VE-213	22124	VF-123	22450	VB-265	22662	VA-349	22778	VA-92
21569	VE-85	21777	VE-198	22131	VG-90	22452	VA-180	22663	VA-350	22780	VA-98
21591	VE-99	21781	VA-352	22132	VF-126	22456	VB-345	22664	VC-59	22781	VA-98A
21592	VA-240	21782	VF-108	22133	VB-163	22460	VC-5	22665	VC-61	22785	VA-96
21594	VF-181	21785	VB-70A	22140	VA-114	22461	VA-242	22666	VC-60		VB-162
21597	VA-145	21791	VA-65	22146	VA-282	22462	VA-243	22667	VC-66		VB-308
21598	VA-147	21792	VA-70	22152	VB-201	22463	VG-104	22669	VC-62		VD-43
21599A	VA-150	21793	VA-67	22153	VG-97	22464	VG-103	22670	VC-69	22786	VB-37
21600	VA-223	21794	VA-71	22156	VE-60	22468	VA-162	22671	VE-152	22793	VC-79
21601	VA-152	21800	VE-135	22189	VD-35	A22469	VA-167	22675	VE-154	22794	VC-74
21604	VI-17	21801	VE-133	22190	VD-20	22475	VA-45	22676	VA-268	22795	VC-81
21605	VH-31	21804	VE-134	22197	VB-31	22476	VA-44		VE-155	22796	VC-75
21606	VB-147	21813	VA-72	22202	VB-198	22477	VA-46	22677	VE-162	22797	VC-76
21607	VE-94	21814	VA-62	22214	VA-50	22478	VJ-10	22678	VE-163	22800	VB-278
21611	VA-188	21817	VA-309	22216	VJ-2	22479	VJ-9	22679	VA-263	22801	VB-279
21623	VD-33	21818	VE-103	22226	VA-124	22480	VA-308		VE-156	22802	VB-290
21630	VH-27	21820	VA-313	22227	VB-326	22499	VE-190	22680	VA-58	22805	VB-2
21631	VB-20	21821	VA-322	22231	VB-285	22503	VH-36	22681	VC-39		VB-283
21632	VA-335	21822	VA-194	22233	VE-142	22516	VF-168	22683	VE-167	22806	VB-281
21636	VA-17	21823	VA-195	22240	VA-228	22517	VD-74	22684	VE-70	22808	VA-260
21637	VE-211	21824	VG-84	22243	VA-90	22518	VH-37	22685	VE-71		VB-288
21638	VE-212	21826	VB-4	22255	VA-226	22521	VE-59	22686	VE-67	22810	VB-296
A21639	VE-208	21827	VB-317	22256	VB-276	22522	VH-41	22688	VE-66	22814	VB-292
21639	VE-209	21829	VB-321	22258	VA-107	22529	VB-146	22690	VE-65	22817	VB-103
21641	VE-114	21830	VB-320	22259	VA-172	22537	VC-96	22691	VE-170	22818	VB-91
21642	VA-189	21835	VB-314	22265	VB-223	22538	VC-97	22692	VE-171	22820	VB-41
A21652	VA-186	21839	VC-89	22266	VB-219	22547	VF-12	22693	VE-169	22821	VB-38
21652	VA-187	21840	VC-52	22267	VB-217	22548	VF-13	22694	VE-172	22831	VB-220
A21653	VA-206	21841	VC-54	22274	VB-215	22550	VF-15	22695	VE-173	22833	VB-3
21653	VA-207	21842	VC-93	22277	VI-20	22569	VF-143	22696	VE-54	22834	VB-202
21655	VA-190	21843	VC-51	22284	VF-34	22570	VF-151	22697	VE-53	22839	VA-3
21660	VA-123	21847	VB-319	22286	VF-38	22571	VF-150	22698	VE-55	22840	VA-25
21661	VA-122	21848	VB-318	22294	VB-18	22574	VF-149		VE-176		VF-59
21662	VA-20	21860	VB-257	22295	VE-64	22575	VF-156	22699	VE-179	22844	VB-185
21663	VA-27	21862	VC-72	22297	VE-143		VH-3	22701	VE-180	22845	VB-228
21664	VA-19	21876	VB-331	22300	VE-68	22577	VD-10	22702	VE-177	22846	VB-229
21665	VA-23	21890	VA-4	22301	VB-272	22578	VD-11	22703	VE-178		VB-327
21667	VA-33	21896	VE-14	22303	VC-87	22579	VD-14	22705	VA-235		VG-80
21677	VA-153	21901	VD-24		VD-45	22580	VD-15	22710	VE-29	22848	VB-230
21678	VA-154	21903	VG-79	22320	VB-164	22581	VD-28	22712	VE-28	22849	VB-179
21679	VB-57	21905	VA-2	22322	VH-22A	22582	VD-27	22715	VA-193	22850	VB-180
21680	VA-156	21949	VB-332	22323	VA-246	22585	VD-25	22719	VE-16	22851	VA-256
21682	VF-129	21950	VB-333	22326	VA-208	22586	VC-101	22724	VE-37	22853	VA-273
21684	VB-328	21969	VB-236	22328	VA-61		VD-50	22725	VE-38	22854	VA-274
21697	VB-15	21977	VD-36	22331	VA-69		VJ-17	22726	VE-17	22855	VA-142
21698	VF-158	21978	VD-48	22339	VA-211	22589	VC-85	22727	VA-239	22856	VA-336
21699	VF-161	21979	VD-38	22340	VC-99		VD-44	22728	VA-283	22857	VA-337
21700	VF-160	21980	VD-39	22341	VC-100	22590	VC-87	22732	VA-284	22858	VA-338
21701	VF-159	21981	VF-94	22369	VA-16		VD-46	22733	VA-160	22859	VA-115
21702	VE-3	21986	VF-96	22371	VE-5	22591	VD-37	22736	VG-95	22865	VA-51
21703	VF-170	21989	VF-103	22373	VA-78	22594	VD-21	22737	VG-106	22866	VA-52
21704	VF-175	21990	VF-29	22378	VB-295	22595	VD-1	22738	VG-107	22867	VA-232
21713	VF-147	21992	VF-49	22380	VB-26	22596	VD-22	22740	VG-87	22877	VA-294
21714	VD-69	21993	VF-60	22382	VB-27	22597	VD-2	22745	VF-130	22879	VA-314
21716	VA-24	22002	VF-177	22383	VB-29	22598	VD-9	22746	VG-109	22884	VA-39
21717	VB-196	22003	VF-162	22384	VB-30	22599	VD-8	22747	VG-108	22885	VA-38
21718	VB-197	22005	VD-72	22385	VB-36	22600	VD-4	22748	VG-94	22886	VA-41
21721	VH-16	22015	VE-4	22392	VB-344	22601	VD-60	22749	VG-96	22887	VA-210
21722	VH-17	22016	VE-11	22399	VA-239	22602	VD-54	22750	VG-98	22893	VA-68

# NUMERICAL PARTS LIST, Continued

Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key
22895	VA-209	22982	VA-251	23432	VC-88	23664	VB-225	23786	VA-131	23954	VF-134
22896	VA-217	22983	VA-276		VD-47	23665	VB-72	23788	VF-110	23955	VF-135
22899	VA-225		VE-187	23433	VB-312	23666	VB-73	23789	VF-90	23956	VB-161C
22902	VA-262	22984	VA-277	23440	VA-184	23670	VB-262	23801	VA-99	23957	VB-226
22906	VA-270		VE-182	23446	VA-196	23674	VA-295	23802	VA-109	23959	VD-79
22907	VB-58	22989	VB-260	23447	VA-197	A23682	VB-206	23820	VF-46	23960R	VA-98C
22908	VB-60	22990	VB-263	23452	VA-181	23682	VB-207	23823	VF-169	23964	VC-14
22910	VB-59	22995	VB-33	23454	VB-183	23683	VB-209	23827	VB-105A	A23967	VB-49
22917	VB-175		VA-148	23455	VE-18	23684	VB-219A	23828	VB-105	23967	VB-50
22922	VB-325	23068	VA-317	23456	VE-45	23698	VC-35	23829	VA-57	23986	VA-293
22924	VB-277	23081	VE-219	23457	VE-19	23699	VF-20	23831	VB-132		VE-107
22929	VB-188	23084	VA-1	23458	VE-22	23700	VF-23	23834	VF-98	23987	VA-300
22930	VB-191	23085	VB-153	23459	VE-30	23701	VF-21	23836	VD-29	23988	VA-301
22931	VB-189	23088	VA-13	23460	VE-23	23704	VF-22	23837	VA-99A	23989	VA-302
22934	VB-114	23089	VA-15	23461	VD-31	23705	VA-59	23838	VA-102	23990	VA-304
22935	VB-119	23091	VH-1	23462	VD-17	A23710	VA-229	23844	VA-345	23991	VA-320
22937	VB-109	23097	VI-21	23464	VB-67	23710	VA-230		VB-134	23993	VA-299
22938	VB-158	23098	VH-23	23489	VA-255	23711	VE-43	23859	VB-222	23994	VA-305
22939	VB-160	23099	VH-25	23530	VD-57	23712	VA-234	23860	VB-208	23998	VA-182
22944	VB-267	23146	VB-121	23538	VB-1	23713	VA-233	23881	VJ-22	28457	VI-24
22945	VB-268	23152	VA-85	23540	VC-67	23731	VF-102	23884	VB-126	28679	VB-309
22946	VB-269	23154	VB-131	23570	VH-21	23733	VB-51	23885	VJ-23	29295	VF-64
22948	VB-251	23172	VA-292	23571	VH-22	23734	VB-52	23886	VJ-24	29296	VF-56
22949	VB-252	23174	VB-156	23572	VH-34	23738	VF-76	23888	VE-189	29340	VJ-11
22950	VB-253	23184	VA-49	23573	VH-35	23739	VF-81	23889	VE-194	29362	VA-53
22951	VB-212	23185	VA-49A	23574	VH-19	23740	VF-83	23892	VE-195	29467	VC-48
22952	VB-255	23186	VG-155	23575	VH-20	23742	VF-79	23893	VE-199	29553	VF-47
22953	VB-258	23190	VB-324	23576	VG-91	23743	VF-82	23894	VE-197	70891	VG-78
22954	VB-259	23198	VA-104	23582	VC-63	23746	VG-11	23895	VE-192	70892	VG-81
22956	VB-261	23311	VB-327A	23594	VD-75	23755	VB-122	23896A	VE-7	70899	VG-83
22960	VE-186	23344	VA-121	23595	VD-76	23758	VB-125	A23945	VB-165	73380	VB-6
22963	VE-36	23345	VA-218	23608	VC-92	23760	VB-115	23945	VB-166	73435	VB-7
22964	VE-41	23349	VA-101	23611	VA-175	23762	VB-128	23946	VB-167	81631	VE-95
22966	VE-42	A23350	VA-167A	23612	VE-188	23765	VB-130	23947	VB-171	92348	VF-17
22967	VE-39	23405	VB-227		VH-6	23766	VB-113	23948	VB-172	92434	VG-55
22969	VB-17	23406	VB-329	23644	VI-16	23769	VB-124	23949	VB-195	92455	VG-49
22970	VE-44	23409	VD-55	23663	VB-224	23772	VA-173	23951	VB-161	129843	VF-63
22971	VE-35	23431	VB-46								